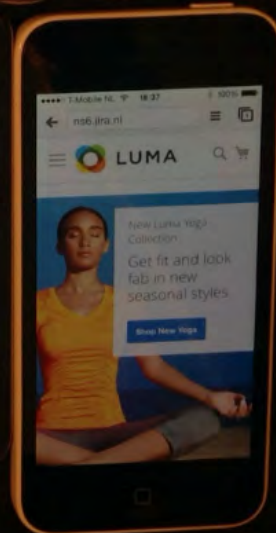
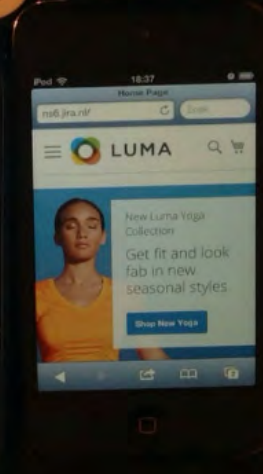
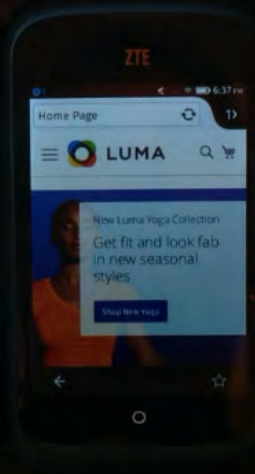
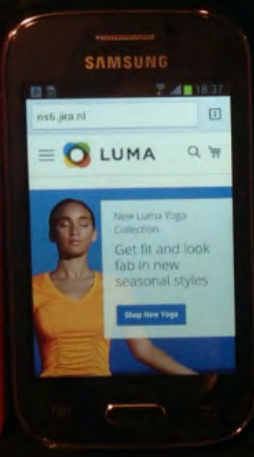
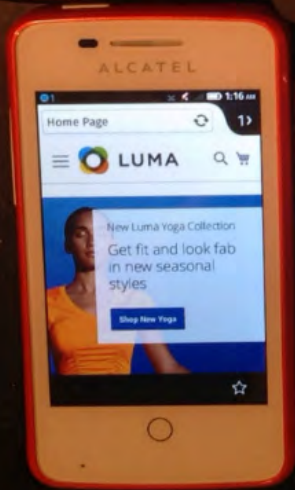
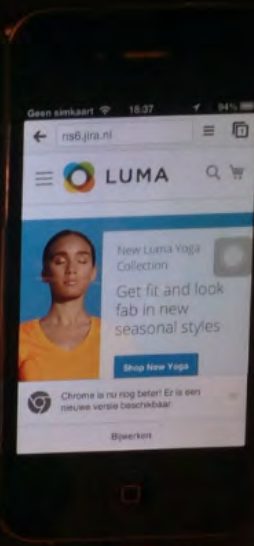
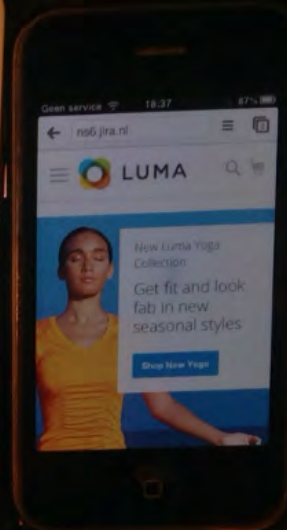
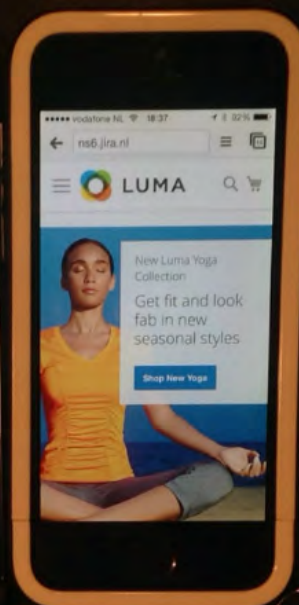
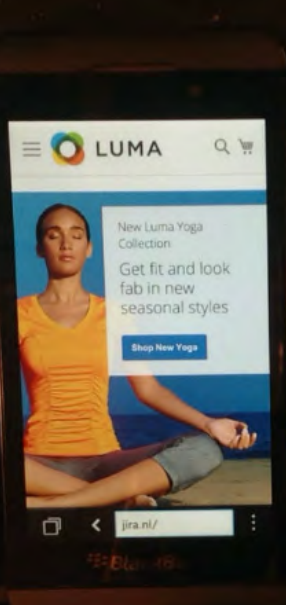
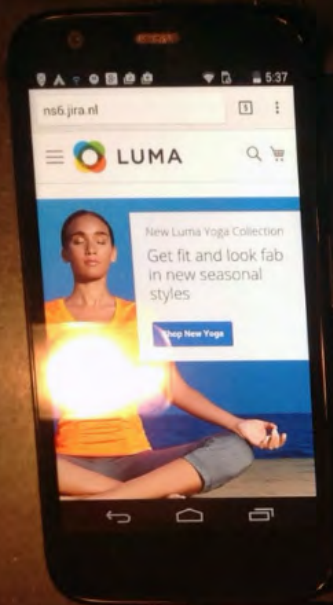


Magento 2.0



Is Magento 2.0 really mobile ready?
by Ray Bogman

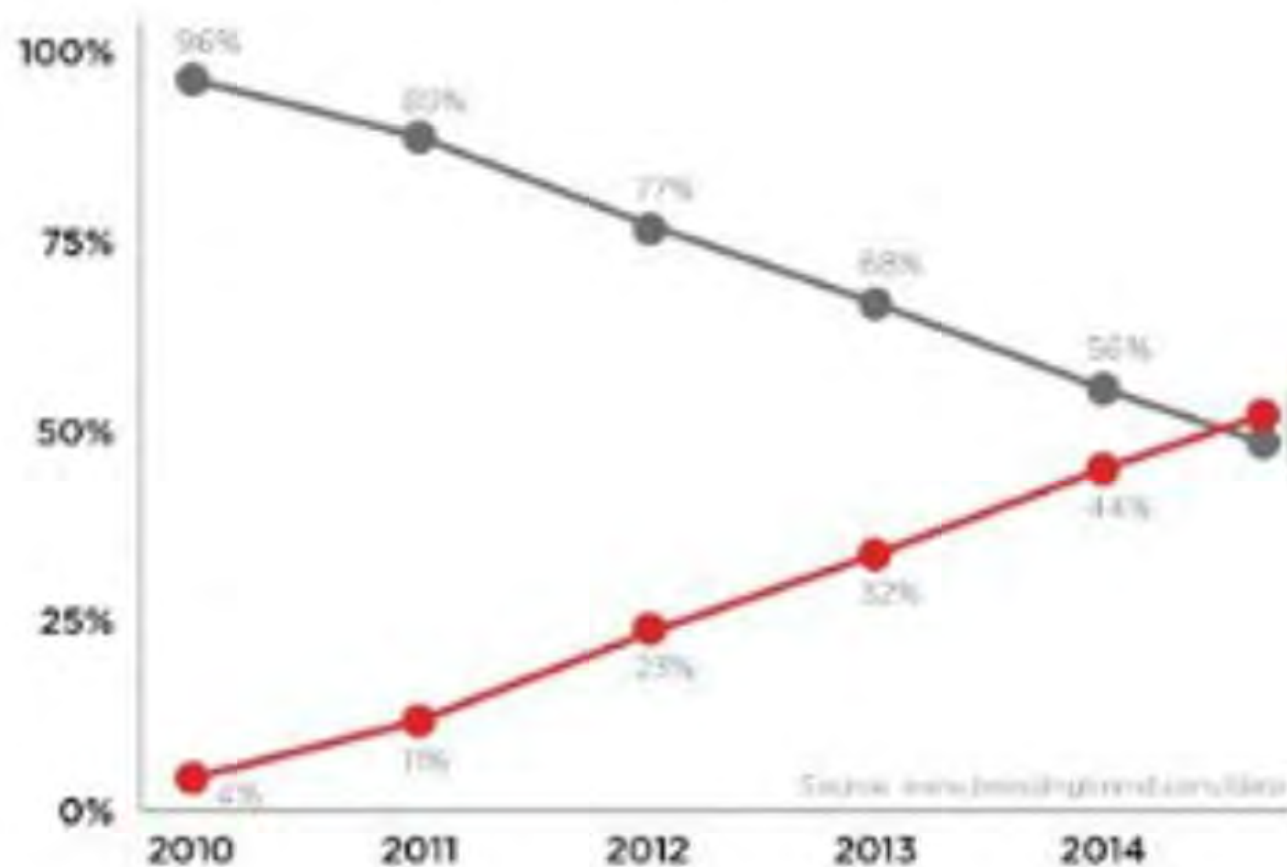
Is Magento 2.0 really mobile ready?



Why do we focus on mobile?

MOBILE IS THE MAJORITY

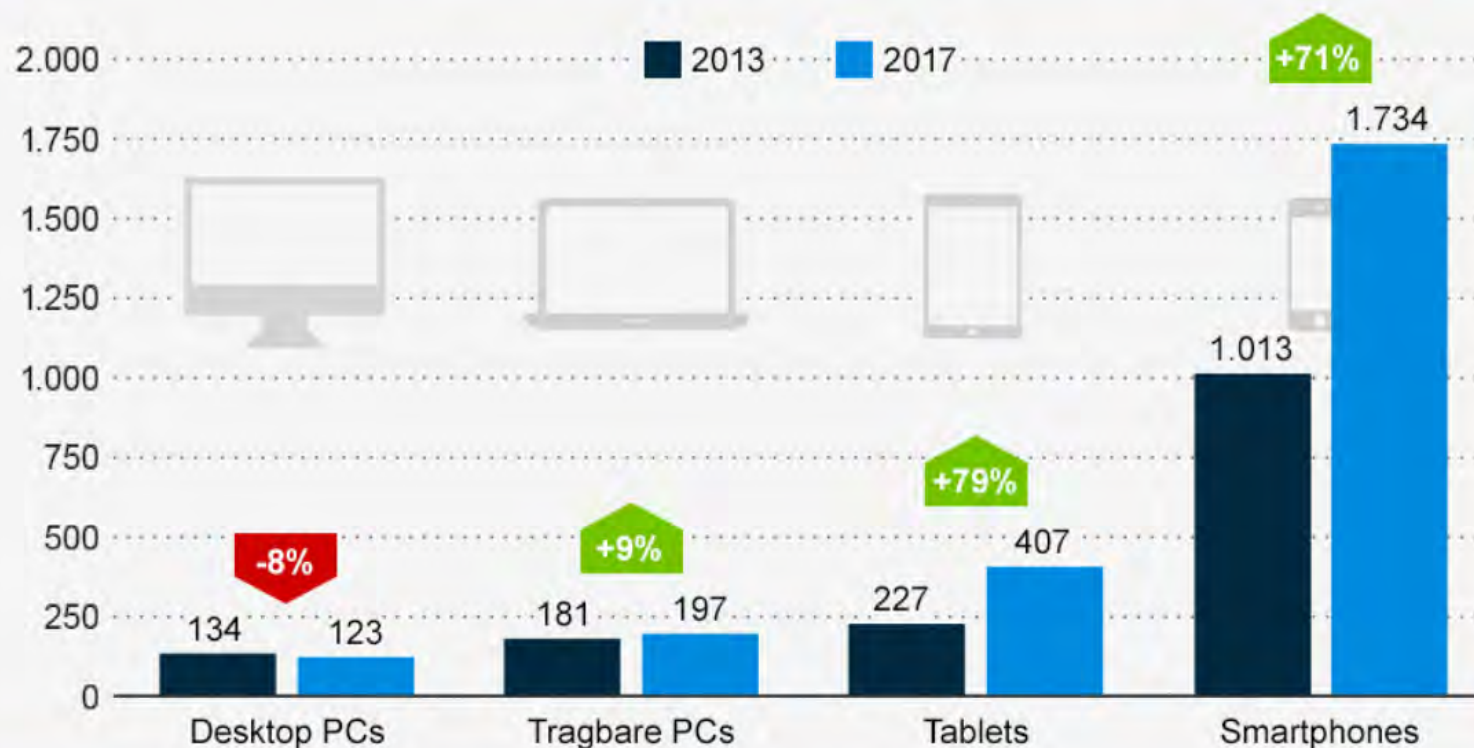
As of August 2014, smartphone and tablet devices now account for 51% of all online retail visits.



Prognose

Smartphone-Absatz knackt die Milliarden-Grenze

Prognose des weltweiten Absatzes internetfähiger Geräte 2013 und 2017 (in Millionen)



Is Magento 2 mobile ready?



What are the main focus points

- Usability
- Security
- Performance

Lets first install Magento 2 Dev - Beta1

```
ray:www raybogman$ git clone https://github.com/magento/magento2.git
```

```
Cloning into 'magento2'...
```

```
remote: Counting objects: 1875532, done.
```

```
remote: Compressing objects: 100% (662822/662822), done.
```

```
Receiving objects: 100% (1875532/1875532), 436.26 MiB | 397.00 KiB/s, done.
```

```
remote: Total 1875532 (delta 1086806), reused 1680177 (delta 972931)
```

```
Resolving deltas: 100% (1086806/1086806), done.
```

```
Checking connectivity... done.
```

```
Checking out files: 100% (19022/19022), done.
```

```
{
  "name": "magento/project-community-edition",
  "description": "Magento project (Community Edition)",
  "type": "project",
  "version": "2.42.0-beta1",
  "license": [
    "OSL-3.0",
    "APL-3.0"
  ],
  "repositories": [
    {
      "type": "composer",
      "url": "https://packages.magento.com/"
    }
  ],
  "require": {
    "magento/spectre-asset": "0.42.0-beta1",
    "magento/spectre-data-model": "0.42.0-beta1",
    "psr7": "1.4.1-5.3.0",
    "zendframework/zend-scheduler": "2.3.1",
    "zendframework/zend-code": "2.3.1",
    "zendframework/zend-server": "2.3.1",
    "zendframework/zend-soap": "2.3.1",
    "zendframework/zend-uri": "2.3.1",
    "zendframework/zend-validator": "2.3.1",
    "zendframework/zend-console": "2.3.1",
    "zendframework/zend-redis-adapter": "2.3.1",
    "zendframework/zend-ec": "2.3.1",
    "zendframework/zend-ldap": "2.3.1",
    "zendframework/zend-eventmanager": "2.3.1",
    "zendframework/zend-view": "2.3.1",
    "zendframework/zend-serializer": "2.3.1",
    "zendframework/zend-stdlib": "2.3.1",
    "zendframework/zend-config": "2.3.1",
    "zendframework/zend-form": "2.3.1",
    "zendframework/zend-db": "2.3.1",
    "zendframework/zend-stdlib": "2.3.1",
    "zendframework/zend-log": "2.3.1",
    "zendframework/zend-http": "2.3.1",
    "magento/zendframework": "2.12.9-patch1",
    "composer/composer": "1.8.0-alpha1",
    "magento/templating": "1.11.0"
  }
}
```

Success

Please keep this information for your records:

| | |
|----------------------------|---|
| Magento Admin Info: | |
| Username: | admin |
| E-Mail: | ray@jira.nl |
| Password: | ***** |
| Your Store Address: | http://magento2.ray.com/ |
| Magento Admin Address: | http://magento2.ray.com/admin/ |
| Encryption Key: | 8830dc4579facbf8b1d60d1bcba3bf45 |
| Database Info: | |
| Database Name: | magento2-s |
| Username: | root |
| Password: | ***** |

For security, remove write permissions from these directories:
/Library/WebServer/Documents/www/magento2/app/etc

[Launch Magento Admin](#)

Lets first install Magento 2 Dev - Beta

```
ray:www raybogman$ git clone https://github.com/magento/magento2.git
Cloning into 'magento2'...
remote: Counting objects: 1875532, done.
remote: Compressing objects: 100% (662822/662822), done.
Receiving objects: 100% (1875532/1875532), 436.26 MiB | 397.00 KiB/s, done.
remote: Total 1875532 (delta 1086806), reused 1680177 (delta 972931)
Resolving deltas: 100% (1086806/1086806), done.
Checking connectivity... done.
Checking out files: 100% (19022/19022), done.
```

```
{
  "name": "magento/project-community-edition",
  "description": "Magento project (Community Edition)",
  "type": "project",
  "version": "0.42.0-beta1",
  "license": [
    "OSL-3.0",
    "AFL-3.0"
  ],
  "repositories": [
    {
      "type": "composer",
      "url": "http://packages.magento.com/"
    }
  ],
  "require": {
    "magento/sample-data": "0.42.0-beta1",
    "magento/sample-data-media": "0.42.0-beta1",
    "php": "~5.4.131-5.5.0",
  }
}
```

Please keep

Magento

Username

E-Mail:

Password

Your Store

Magento

Encryption

```
{
  "name": "magento/project-community-edition",
  "description": "Magento project (Community Edition)",
  "type": "project",
  "version": "0.42.0-beta1",
  "license": [
    "OSL-3.0",
    "AFL-3.0"
  ],
  "repositories": [
    {
      "type": "composer",
      "url": "http://packages.magento.com/"
    }
  ],
  "require": {
    "magento/sample-data": "0.42.0-beta1",
    "magento/sample-data-media": "0.42.0-beta1",
    "php": "~5.4.11|~5.5.0",
    "zendframework/zend-stdlib": "2.3.1",
    "zendframework/zend-code": "2.3.1",
    "zendframework/zend-server": "2.3.1",
    "zendframework/zend-soap": "2.3.1",
    "zendframework/zend-uri": "2.3.1",
    "zendframework/zend-validator": "2.3.1",
    "zendframework/zend-console": "2.3.1",
    "zendframework/zend-modulemanager": "2.3.1",
    "zendframework/zend-mvc": "2.3.1",
    "zendframework/zend-text": "2.3.1",
    "zendframework/zend-eventmanager": "2.3.1",
    "zendframework/zend-view": "2.3.1",
    "zendframework/zend-servicemanager": "2.3.1",
    "zendframework/zend-json": "2.3.1",
    "zendframework/zend-config": "2.3.1",
    "zendframework/zend-form": "2.3.1",
    "zendframework/zend-di": "2.3.1",
    "zendframework/zend-serializer": "2.3.1",
    "zendframework/zend-log": "2.3.1",
    "zendframework/zend-http": "2.3.1",
    "magento/zendframework1": "1.12.9-patch1",
    "composer/composer": "1.0.0-alpha8",
    "monolog/monolog": "1.11.0"
  },
}
```

```
{
  "name": "magento/project-community-edition",
  "description": "Magento project (Community Edition)",
  "type": "project",
  "version": "0.42.0-beta1",
  "license": [
    "OSL-3.0",
    "AFL-3.0"
  ],
  "repositories": [
    {
      "type": "composer",
      "url": "http://packages.magento.com/"
    }
  ],
  "require": {
    "magento/sample-data": "0.42.0-beta1",
    "magento/sample-data-media": "0.42.0-beta1",
    "php": "~5.4.11|~5.5.0",
    "zendframework/zend-stdlib": "2.3.1".
  }
}
```



Please keep this information for your records:

Magento Admin Info:

| | |
|------------------------|---|
| Username: | admin |
| E-Mail: | ray@jira.nl |
| Password: | ***** |
| Your Store Address: | http://magento2.ray.com/ |
| Magento Admin Address: | http://magento2.ray.com/admin/ |
| Encryption Key: | 8830dc4579facbf8b1d60d1bcba3bf45 |

Database Info:

| | |
|----------------|------------|
| Database Name: | magento2-s |
| Username: | root |
| Password: | ***** |

**For security, remove write permissions from these directories:
'/Library/WebServer/Documents/www/magento2/app/etc'**

[Launch Magento Admin](#)

Usability

Home

99 / 100 User Experience

1 Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider making these tap targets larger to provide a better user experience.

The following tap targets are close to other nearby tap targets and may need additional spacing around them:

The tap target ` is close to 1 other tap targets (see screenshot).`

The tap target `<label for="search" class="input" data-bbox="100 430 450 445" data-kind="parent" data-bbox="100 430 450 445" data-kind="ghost"> is close to 1 other tap targets (see screenshot).`

The tap target `form id="newsletter-validate-detail" class="form subscribe" data-bbox="100 450 450 475" data-kind="parent" data-bbox="100 450 450 475" data-kind="ghost"> and 1 others are close to other tap targets.`

Catalog/Product page

99 / 100 User Experience

1 Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider making these tap targets larger to provide a better user experience.

The following tap targets are close to other nearby tap targets and may need additional spacing around them:

The tap target `span class="action nav-toggle" data-bbox="550 385 890 400" data-kind="parent" data-bbox="550 385 890 400" data-kind="ghost"> is close to 1 other tap targets (see screenshot).`

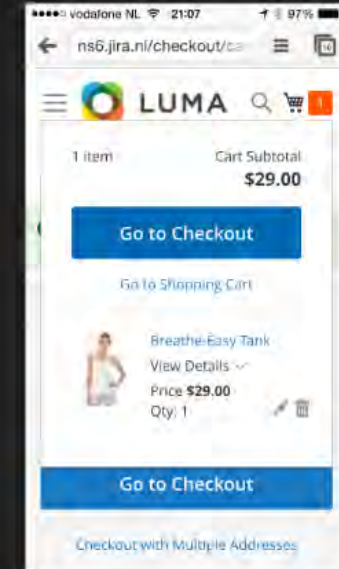
The tap target `div href="#" id="js://nav.js" id="checkout/cart/" class="action showcart" data-bbox="550 405 890 425" data-kind="parent" data-bbox="550 405 890 425" data-kind="ghost"> is close to 1 other tap targets (see screenshot).`

The tap target `label for="search" class="input" data-bbox="550 430 890 445" data-kind="parent" data-bbox="550 430 890 445" data-kind="ghost"> is close to 1 other tap targets (see screenshot).`

The tap target `div id="newsletter-validate-detail" class="form subscribe" data-bbox="550 450 890 475" data-kind="parent" data-bbox="550 450 890 475" data-kind="ghost"> and 1 others are close to other tap targets.`

Positive Improvements

- Back Home link
- Contact, Checkout phone - number element [`<input type="number" /> <input type="tel" />`]
- Advanced Search [price input] - number elements
- Catalog filters, Pagination are too small to tap (small screens - Firefox OS, iPod Touch, Android)
- Hidden menu not always working on Firefox OS [Alcatel]
- Account menu not always working on Firefox OS [Alcatel]
- Selecting product on Firefox OS not working [Alcatel]
- No easy back from Hidden menu to page
- Edit/delete small to tap in Shopping cart [dropdown popup]
- Zoom pinch Product detail page not user friendly



Test Devices: iPod touch 3/4, Firefox OS (Alcatel [1.0.1.0], ZTE [1.1.OB01], Samsung Android 4.1.2, Motorola G, 4.4.4, iPhone 3G, 4, 5C, 5S, Blackberry Z10)

Home

99 / 100 User Experience

I Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider **making these tap targets larger** to provide a better user experience.

The following tap targets are close to other nearby tap targets and may need additional spacing around them.

The tap target `My Cart...items` is close to 1 other tap targets ([see screenshot](#)).

The tap target `<label for="search" class="label">Search</label>` is close to 1 other tap targets ([see screenshot](#)).

The tap target `<form id="newsletter-validate-detail" class="form subscribe">Sign Up for Ou...Subscribe</form>` and 1 others are close to other tap targets.

Catalog/Product page

99 / 100 User Experience

! Consider Fixing:

Size tap targets appropriately

Some of the links/buttons on your webpage may be too small for a user to easily tap on a touchscreen. Consider **making these tap targets larger** to provide a better user experience.

The following tap targets are close to other nearby tap targets and may need additional spacing around them.

The tap target `Toggle Nav` is close to 1 other tap targets ([see screenshot](#)).

The tap target `My Cart...items` is close to 1 other tap targets ([see screenshot](#)).

The tap target `<label for="search" class="label">Search</label>` is close to 1 other tap targets ([see screenshot](#)).

The tap target `<form id="newsletter-validate-detail" class="form subscribe">Sign Up for Ou...Subscribe</form>` and 1 others are close to other tap targets.

The tap target `My Cart items` is close to 1 other tap targets (see screenshot).

The tap target `<label for="search" class="label">Search</label>` is close to 1 other tap targets (see screenshot).

The tap target `<form id="newsletter-validate-detail" class="form subscribe">Sign Up For Qu.Subscribe</form>` and 1 others are close to other tap targets.

The tap target `My Cart items` is close to 1 other tap targets (see screenshot).

The tap target `<label for="search" class="label">Search</label>` is close to 1 other tap targets (see screenshot).

The tap target `<form id="newsletter-validate-detail" class="form subscribe">Sign Up For Qu.Subscribe</form>` and 1 others are close to other tap targets.

Positive Improvements

- Back Home link
- Contact, Checkout phone - number element [`<input type="number" />` `<input type="tel" />`]
- Advanced Search [price input] - number elements
- Catalog filters, Pagination are too small to tap (small screens - Firefox OS, iPod Touch, Android)
- Hidden menu not always working on Firefox OS [Alcatel]
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- Zoom pinch Product detail page not user friendly

Devices: iPod touch 3/4, Firefox OS (Alcatel [1.0.1.0], ZTE [1.1.0B01]), Samsung Android 4.1.2, Motorola G,

1 item

Cart Subtotal
\$29.00

[Go to Checkout](#)

[Go to Shopping Cart](#)



Breathe-Easy Tank

[View Details](#) ▾

Price **\$29.00**

Qty: 1



[Go to Checkout](#)

[Checkout with Multiple Addresses](#)

tel" />]

Andriod)

Performance

Home


54 / 100 Speed

Should Fix:

- Leverage browser caching
- Eliminate render-blocking JavaScript and CSS in above-the-fold content
- Minimize server response time

Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML



Catalog

57 / 100 Speed

Should Fix:

- Leverage browser caching
- Eliminate render-blocking JavaScript and CSS in above-the-fold content

Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML



Product page

55 / 100 Speed

Should Fix:

- Leverage browser caching
- Eliminate render-blocking JavaScript and CSS in above-the-fold content

Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML



Should Fix:

- Eliminate render-blocking JavaScript and CSS in above-the-fold content
- Minimize server response time

Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML

Should Fix:

- Leverage browser caching
- Eliminate render-blocking JavaScript and CSS in above-the-fold content

Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML

Should Fix:

- Leverage browser caching
- Eliminate render-blocking JavaScript and CSS in above-the-fold content

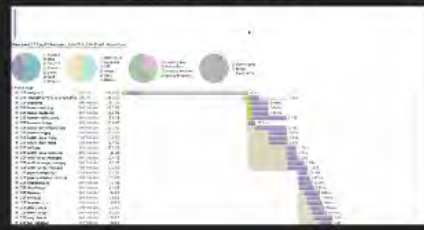
Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML

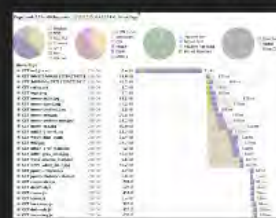
Home - 4G - no cache



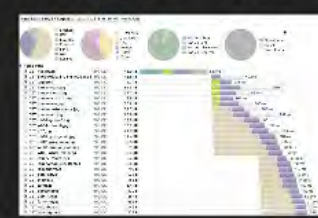
Home - 3G - cached



Home - wifi - austria



Home - 3G - austria




Should Fix:

- Leverage browser caching
- Eliminate render-blocking JavaScript and CSS in above-the-fold content

Consider Fixing:

- Minify JavaScript
- Optimize images
- Minify HTML

54 / 100 Speed

! Should Fix:

Leverage browser caching

› [Show how to fix](#)

Eliminate render-blocking JavaScript and CSS in above-the-fold content

› [Show how to fix](#)

Reduce server response time

› [Show how to fix](#)

! Consider Fixing:

Minify JavaScript

› [Show how to fix](#)

Optimize images

› [Show how to fix](#)

Minify HTML

› [Show how to fix](#)



57 / 100 Speed

I Should Fix:

Leverage browser caching

▶ [Show how to fix](#)

Eliminate render-blocking JavaScript and CSS in above-the-fold content

▶ [Show how to fix](#)

I Consider Fixing:

Minify JavaScript

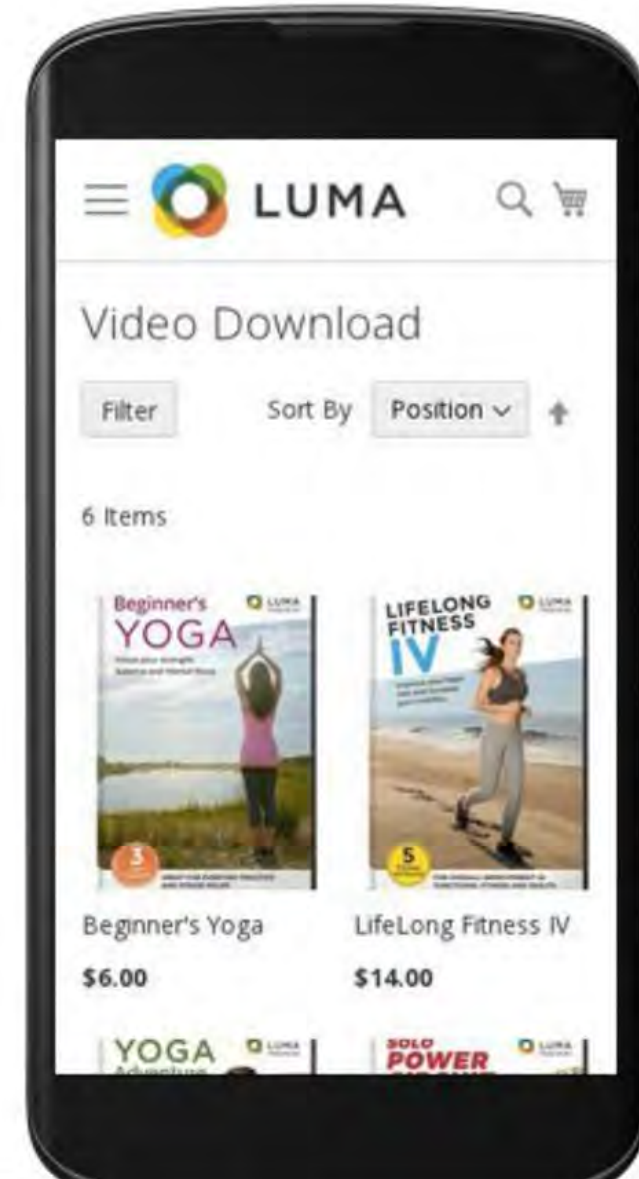
▶ [Show how to fix](#)

Optimize images

▶ [Show how to fix](#)

Minify HTML

▶ [Show how to fix](#)



55 / 100 Speed

! Should Fix:

Leverage browser caching

▶ [Show how to fix](#)

Eliminate render-blocking JavaScript and CSS in above-the-fold content

▶ [Show how to fix](#)

! Consider Fixing:

Minify JavaScript

▶ [Show how to fix](#)

Optimize images

▶ [Show how to fix](#)

Minify HTML

▶ [Show how to fix](#)



▼ Network Utilization

- ▶ Combine external CSS (4)
- ▶ Combine external JavaScript (45)
- ▶ Leverage browser caching (69)
- ▶ Leverage proxy caching (19)
- ▶ Minimize cookie size
- ▶ Parallelize downloads across hostnames (18)
- ▶ Serve static content from a cookieless domain (18)
- ▶ Specify image dimensions (5)

▼ Web Page Performance

▶ Optimize the order of styles and scripts (3)

The following external CSS files were included after an external JavaScript file in the document head. To ensure CSS files are downloaded in parallel, always include external CSS before external JavaScript.

[styles-l.css](#)

[print.css](#)

[styles.css](#)

▶ Remove unused CSS rules (2182)

2182 rules (85%) of CSS not used by the current page.

- ▶ [styles.css](#): 65% is not used by the current page.
- ▶ [9de8797d0c615276fc794278a0af8df2.css](#): 89% is not used by the current page.
- ▶ [print.css](#): 44% is not used by the current page.
- ▶ [styles-l.css](#): 82% is not used by the current page.

▶ Use normal CSS property names instead of vendor-prefixed ones (6)

▼ Network Utilization

[styles-l.css](#): 81% is not used by the current page.

- ▶ Use normal CSS property names instead of vendor-prefixed ones (6)

▼ Network Utilization

- ▶ Combine external CSS (4)
- ▶ Combine external JavaScript (47)
- ▶ Leverage browser caching (65)
- ▶ Leverage proxy caching (13)
- ▶ Minimize cookie size
- ▶ Serve static content from a cookieless domain (12)
- ▶ Specify image dimensions (1)

▼ Web Page Performance

- ▶ Optimize the order of styles and scripts (3)

The following external CSS files were included after an external JavaScript file in the document head. To ensure CSS files are downloaded in parallel, always include external CSS before external JavaScript.

[styles-l.css](#)

[print.css](#)

[styles.css](#)

- ▶ Remove unused CSS rules (2180)

2180 rules (85%) of CSS not used by the current page.

- ▶ [styles.css](#): 100% is not used by the current page.
- ▶ [9de8797d0c615276fc794278a0af8df2.css](#): 84% is not used by the current page.
- ▶ [print.css](#): 39% is not used by the current page.
- ▶ [styles-l.css](#): 81% is not used by the current page.

- ▶ Use normal CSS property names instead of vendor-prefixed ones (6)

Use normal CSS property names instead of vendor-prefixed ones (0)

Network Utilization

- Combine external CSS (4)
- Combine external JavaScript (50)
- Leverage browser caching (73)
- Leverage proxy caching (17)
- Minimize cookie size
- Parallelize downloads across hostnames (16)
- Serve static content from a cookieless domain (16)
- Specify image dimensions (3)

Web Page Performance

Optimize the order of styles and scripts (3)

The following external CSS files were included after an external JavaScript file in the document head. To ensure CSS files are downloaded in parallel, always include external CSS before external JavaScript.

[styles-l.css](#)

[print.css](#)

[styles.css](#)

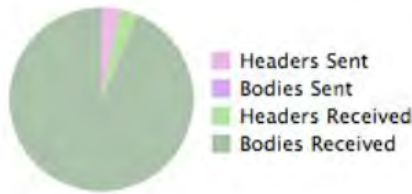
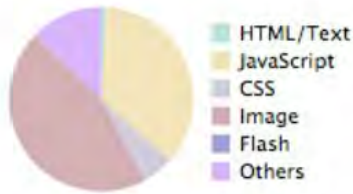
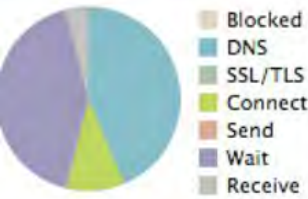
Remove unused CSS rules (2061)

2061 rules (79%) of CSS not used by the current page.

- [styles.css](#): 100% is not used by the current page.
- [49a8cf3b4d44c85bd6e36bea2c100bec.css](#): 78% is not used by the current page.
- [print.css](#): 28% is not used by the current page.
- [styles-l.css](#): 75% is not used by the current page.

Use normal CSS property names instead of vendor-prefixed ones (6)

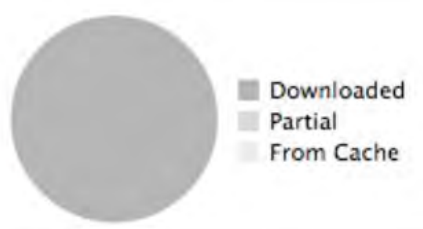
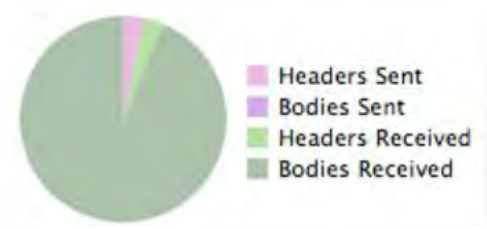
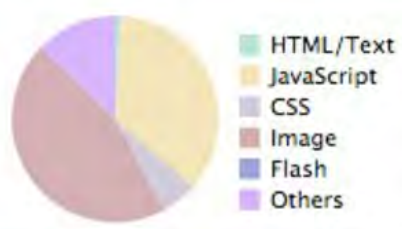
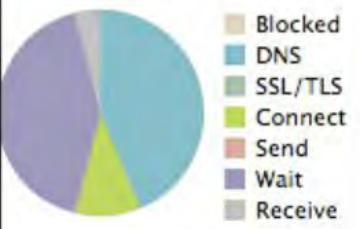
Page Load: 4.23s, 69 Requests 1/4/2015, 2:51:19 PM Home Page



| Request | Status | Size | Time | Cache |
|------------------------------|--------|---------|-------|-------|
| GET ns6.jira.nl | 200 OK | 6.4 KB | 291ms | |
| GET 9de8797d0c615276fc794278 | 200 OK | 28.6 KB | 596ms | |
| GET 3d69d0fac787217570213811 | 200 OK | 41.5 KB | 2.24s | |
| GET styles.css | 200 OK | 3.7 KB | 585ms | |
| GET logo.png | 200 OK | 5.7 KB | 575ms | |
| GET home-main.jpg | 200 OK | 65.5 KB | 637ms | |
| GET home-pants.jpg | 200 OK | 37.2 KB | 610ms | |
| GET home-t-shirts.png | 200 OK | 5.8 KB | 598ms | |
| GET home-erin.jpg | 200 OK | 20.8 KB | 616ms | |
| GET home-performance.jpg | 200 OK | 23.7 KB | 621ms | |
| GET home-eco.jpg | 200 OK | 80.9 KB | 2.13s | |
| GET mb02-gray-0.jpg | 200 OK | 13.7 KB | 620ms | |
| GET wb04-blue-0.jpg | 200 OK | 11.4 KB | 633ms | |
| GET lt02.jpg | 200 OK | 22.7 KB | 660ms | |
| GET mh07-gray_main.jpg | 200 OK | 12 KB | 1.94s | |
| GET mt07-gray_main.jpg | 200 OK | 10.4 KB | 1.75s | |
| GET ws12-orange_main.jpg | 200 OK | 9.6 KB | 659ms | |
| GET wt09-white_main.jpg | 200 OK | 10.2 KB | 670ms | |
| GET jquery-migrate.js | 200 OK | 5.7 KB | 59ms | |
| GET jquery.mobile.custom.js | 200 OK | 6.8 KB | 66ms | |
| GET responsive.js | 200 OK | 798 B | 55ms | |
| GET dataPost.js | 200 OK | 625 B | 45ms | |
| GET theme.js | 200 OK | 458 B | 42ms | |
| GET terms.js | 200 OK | 1.4 KB | 53ms | |
| GET bootstrap.js | 200 OK | 320 B | 61ms | |
| GET dob-rule.js | 200 OK | 857 B | 54ms | |
| GET form-key.js | 200 OK | 651 B | 57ms | |
| GET form-key.js | 200 OK | 651 B | 57ms | |
| GET msg-box.js | 200 OK | 442 B | 50ms | |

HTTP TO NO CACHE

Page Load: 4.23s, 69 Requests 1/4/2015, 2:51:19 PM Home Page



| Request | Status | Size | Time |
|------------------------------|--------|---------|-------|
| GET ns6.jira.nl | 200 OK | 6.4 KB | 291ms |
| GET 9de8797d0c615276fc794278 | 200 OK | 28.6 KB | 596ms |
| GET 3d69d0fac787217570213811 | 200 OK | 41.5 KB | 2.24s |
| GET styles.css | 200 OK | 3.7 KB | 585ms |
| GET logo.png | 200 OK | 5.7 KB | 575ms |
| GET home-main.jpg | 200 OK | 65.5 KB | 637ms |
| GET home-pants.jpg | 200 OK | 37.2 KB | 610ms |
| GET home-t-shirts.png | 200 OK | 5.8 KB | 598ms |
| GET home-erin.jpg | 200 OK | 20.8 KB | 616ms |
| GET home-performance.jpg | 200 OK | 23.7 KB | 621ms |
| GET home-eco.jpg | 200 OK | 80.9 KB | 2.13s |
| GET mb02-gray-0.jpg | 200 OK | 13.7 KB | 620ms |
| GET wb04-blue-0.jpg | 200 OK | 11.4 KB | 633ms |
| GET lt02.jpg | 200 OK | 22.7 KB | 660ms |
| GET mh07-gray_main.jpg | 200 OK | 12 KB | 1.94s |
| GET mt07-gray_main.jpg | 200 OK | 10.4 KB | 1.75s |
| GET ws12-orange_main.jpg | 200 OK | 9.6 KB | 659ms |
| GET wt09-white_main.jpg | 200 OK | 10.2 KB | 670ms |
| GET jquery-migrate.js | 200 OK | 5.7 KB | |
| GET jquery.mobile.custom.js | 200 OK | 6.8 KB | |
| GET responsive.js | 200 OK | 798 B | |
| GET dataPost.js | 200 OK | 625 B | |
| GET theme.js | 200 OK | 458 B | |
| GET terms.js | 200 OK | 1.4 KB | |

| | | | |
|------------------|--------|--------|------|
| GET dataPost.js | 200 OK | 625 B | 45ms |
| GET theme.js | 200 OK | 458 B | 42ms |
| GET terms.js | 200 OK | 1.4 KB | 53ms |
| GET bootstrap.js | 200 OK | 320 B | 61ms |
| GET dob-rule.js | 200 OK | 857 B | 54ms |
| GET form-key.js | 200 OK | 651 B | 57ms |

| | | | |
|-------------------------------|--------|----------|-------|
| GET form-key.js | 200 OK | 651 B | 57ms |
| GET msg-box.js | 200 OK | 442 B | 50ms |
| GET tax-toggle.js | 200 OK | 322 B | 51ms |
| GET translate.js | 200 OK | 609 B | 53ms |
| GET jquery.cookie.js | 200 OK | 916 B | 57ms |
| GET mage.js | 200 OK | 1 KB | 58ms |
| GET cookies.js | 200 OK | 1.2 KB | 55ms |
| GET opensans-400.woff | 200 OK | 22.1 KB | 646ms |
| GET opensans-300.woff | 200 OK | 21.7 KB | 1.2s |
| GET opensans-600.woff | 200 OK | 22.4 KB | 467ms |
| GET opensans-700.woff | 200 OK | 21.9 KB | 466ms |
| GET Luma-Icons.woff | 200 OK | 5.4 KB | 444ms |
| GET common.js | 200 OK | 224 B | 438ms |
| GET smart-keyboard-handler.js | 200 OK | 562 B | 450ms |
| GET collapsible.js | 200 OK | 2.5 KB | 447ms |
| GET ie-class-fixer.js | 200 OK | 434 B | 462ms |
| GET jquery-ui.js | 200 OK | 105.3 KB | 620ms |
| GET jquery.tmpl.min.js | 200 OK | 2.8 KB | 458ms |
| GET matchMedia.js | 200 OK | 1.5 KB | 459ms |
| GET zoom.js | 200 OK | 3.2 KB | 479ms |
| GET gallery.js | 200 OK | 2.3 KB | 483ms |
| GET tabs.js | 200 OK | 2 KB | 473ms |
| GET jquery.validate.js | 200 OK | 10.6 KB | 515ms |
| GET main.js | 200 OK | 1.2 KB | 511ms |
| GET handlebars-v1.3.0.js | 200 OK | 21.7 KB | 116ms |
| GET underscore.js | 200 OK | 12.8 KB | 47ms |
| GET registry.js | 200 OK | 539 B | 45ms |
| GET jquery.metadata.js | 200 OK | 1.9 KB | 60ms |
| GET utils.js | 200 OK | 3.3 KB | 24ms |
| GET dropdown.js | 200 OK | 1.4 KB | 26ms |
| GET form-mini.js | 200 OK | 2.2 KB | 27ms |
| GET menu.js | 200 OK | 3.5 KB | 21ms |
| GET redirect-url.js | 200 OK | 447 B | 24ms |
| GET newsletter.js | 200 OK | 435 B | 17ms |
| GET loader.js | 200 OK | 1.8 KB | 22ms |
| GET sidebar.js | 200 OK | 371 B | 33ms |
| GET page-cache.js | 200 OK | 1.2 KB | 25ms |
| GET validation.js | 200 OK | 965 B | 65ms |
| GET comments.js | 200 OK | 416 B | 52ms |
| GET decorate.js | 200 OK | 1.1 KB | 49ms |
| GET validation.js | 200 OK | 10.5 KB | 46ms |
| GET styles-l.css | 200 OK | 7.9 KB | 23ms |
| GET print.css | 200 OK | 551 B | 17ms |

69 Requests 730.7 KB

4.22s (onload: 4.23s)

Home - 3G - cached

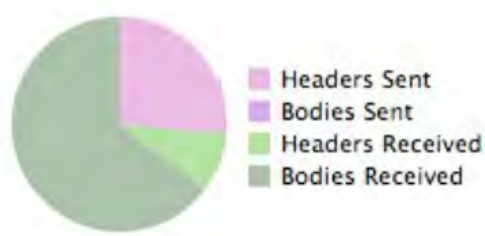
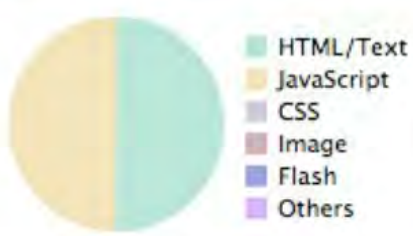
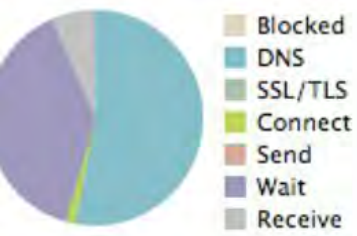
Page Load: 10.35s, 67 Requests 1/6/2015, 8:36:35 AM Home Page



| Request | Status | Size | Time |
|------------------------------|-------------|---------|-------|
| GET ns6jira.nl | 200 OK | 41.9 KB | 4.5s |
| GET 3d69d0fac787217570213811 | 200 OK | 41.5 KB | 1.54s |
| GET logo.png | 304 Not Mod | 5.7 KB | 823ms |
| GET home-main.jpg | 304 Not Mod | 65.5 KB | 784ms |
| GET home-pants.jpg | 304 Not Mod | 37.2 KB | 785ms |
| GET home-t-shirts.png | 304 Not Mod | 5.8 KB | 1.41s |
| GET home-erin.jpg | 304 Not Mod | 20.8 KB | 311ms |
| GET home-performance.jpg | 304 Not Mod | 23.7 KB | 1.41s |
| GET home-eco.jpg | 304 Not Mod | 80.9 KB | 1.42s |
| GET mb02-gray-0.jpg | 304 Not Mod | 13.7 KB | 1.42s |
| GET wb04-blue-0.jpg | 304 Not Mod | 11.4 KB | 1.43s |
| GET lt02.jpg | 304 Not Mod | 22.7 KB | 1.73s |
| GET mh07-gray_main.jpg | 304 Not Mod | 12 KB | 1.73s |
| GET mt07-gray_main.jpg | 304 Not Mod | 10.4 KB | 1.8s |
| GET ws12-orange_main.jpg | 304 Not Mod | 9.6 KB | 1.99s |
| GET wt09-white_main.jpg | 304 Not Mod | 10.2 KB | 2.12s |
| GET jquery-migrate.js | 304 Not Mod | 16.2 KB | 357ms |
| GET jquery.mobile.custom.js | 304 Not Mod | 23.5 KB | 441ms |
| GET responsive.js | 304 Not Mod | 3 KB | 515ms |
| GET dataPost.js | 304 Not Mod | 1.4 KB | 583ms |
| GET theme.js | 304 Not Mod | 921 B | 769ms |
| GET terms.js | 304 Not Mod | 6.8 KB | 779ms |
| GET bootstrap.js | 304 Not Mod | 504 B | 846ms |
| GET dob-rule.js | 304 Not Mod | 2.7 KB | 903ms |
| GET form-key.js | 304 Not Mod | 1.3 KB | 999ms |
| GET msg-box.js | 304 Not Mod | 876 B | 1.22s |
| GET tax-toggle.js | 304 Not Mod | 583 B | 1.2s |

Home - 3G - cache

Page Load: 10.35s, 67 Requests 1/6/2015, 8:36:35 AM Home Page


















| Request | Status | Size | Time |
|------------------------------|-------------|---------|-------|
| GET ns6.jira.nl | 200 OK | 41.9 KB | 4.5s |
| GET 3d69d0fac787217570213811 | 200 OK | 41.5 KB | 1.54s |
| GET logo.png | 304 Not Mod | 5.7 KB | 823ms |
| GET home-main.jpg | 304 Not Mod | 65.5 KB | 784ms |
| GET home-pants.jpg | 304 Not Mod | 37.2 KB | 785ms |
| GET home-t-shirts.png | 304 Not Mod | 5.8 KB | 1.41s |
| GET home-erin.jpg | 304 Not Mod | 20.8 KB | 311ms |
| GET home-performance.jpg | 304 Not Mod | 23.7 KB | 1.41s |
| GET home-eco.jpg | 304 Not Mod | 80.9 KB | 1.42s |
| GET mb02-gray-0.jpg | 304 Not Mod | 13.7 KB | 1.42s |
| GET wb04-blue-0.jpg | 304 Not Mod | 11.4 KB | 1.43s |
| GET lt02.jpg | 304 Not Mod | 22.7 KB | 1.43s |
| GET mh07-gray_main.jpg | 304 Not Mod | 12 KB | 1.43s |
| GET mt07-gray_main.jpg | 304 Not Mod | 10.4 KB | 1.43s |
| GET ws12-orange_main.jpg | 304 Not Mod | 9.6 KB | 1.43s |
| GET wt09-white_main.jpg | 304 Not Mod | 10.2 KB | 1.43s |
| GET jquery-migrate.js | 304 Not Mod | 16.2 KB | 1.43s |
| GET jquery.mobile.custom.js | 304 Not Mod | 23.5 KB | 1.43s |
| GET responsive.js | 304 Not Mod | 3 KB | 1.43s |
| GET dataPost.js | 304 Not Mod | 1.4 KB | 1.43s |



img.photo.image 290px x 360px

Driven Backpack

| | |
|---|---|
|  wb03-purple-0.jpg /pub/media/catalog/product/cache/1/image/560x700/040ec09b1e35df1394338... |  |
|  wb03-purple-0.jpg /pub/media/catalog/product/cache/1/thumbnail/88x110/040ec09b1e35df13943... |  |
|  mb05-black-0.jpg /pub/media/catalog/product/cache/1/small_image/152x190/040ec09b1e35df13... |  |
|  wb04-blue-0.jpg /pub/media/catalog/product/cache/1/small_image/152x190/040ec09b1e35df13... |  |
|  ub02-black-0.jpg /pub/media/catalog/product/cache/1/small_image/152x190/040ec09b1e35df13... |  |
|  mb06-gray-0.jpg /pub/media/catalog/product/cache/1/small_image/152x190/040ec09b1e35df13... |  |
|  opensans-400.woff /pub/static/version1420377959/frontend/Magento/luma/en_US/fonts/opensans/... |  |
|  Luma-Icons.woff /pub/static/version1420377959/frontend/Magento/luma/en_US/fonts |  |
|  opensans-700.woff /pub/static/version1420377959/frontend/Magento/luma/en_US/fonts/opensans/... |  |
|  opensans-300.woff /pub/static/version1420377959/frontend/Magento/luma/en_US/fonts/opensans/... |  |
|  opensans-600.woff /pub/static/version1420377959/frontend/Magento/luma/en_US/fonts/opensans/... |  |

Optimization To Go

- optimized html [small, lightweight, minified]
- optimized css (split css in critical css [rendering path] and load the rest later)
- optimized js (only show js per page which is needed)
- Mobile backend (responsive, compact view for order control)
- Never use JS before CSS (CCSOM always before DOM)
- Webfont optimization (only server what's needed, store in LocalStorage)
- Don't server every font-type [Woff/Woff2 cover already more 90% of all devices]
- use <picture> element (only sever the needed IMG sizes per size)
- only show related/cross/up sell when it's possible (don't use [display:none])
- show fix menu on bottom or footer (easy user control) [jquery-mobile]
- don't serve unused CSS & JS
- Hidden SPOF (external JS)
- lazy loading
- use SVG when possible (like logo, background)
- most import stuff in the first 14kb (critical redering path)

Optimization To Go

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- most import stuff in the first 14kb (critical redering path)

Creative Contributions by:



Ray Bogman

- *Magento/Joomla/OroCRM evangelist*
- *Trainer*
- *Performance nerd*
- *Security geek*
- *SEO freak*

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- ✓ Hosting
- ✓ Mobile
- ✓ APK

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Magento 2.0



Is Magento 2.0 really mobile ready?
by Ray Bogman