

## Performance Report for: <http://x.coinport.com/>

Report generated: Thursday, March 12, 2015, 6:57 AM -0700

Test Server Region: Vancouver, Canada

Using: Firefox (Desktop) 25.0.1, Page Speed 1.12.16, YSlow 3.1.8

Page Speed Grade:

(97%) ↑ Avg: 79%

**A**

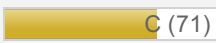

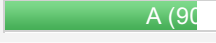
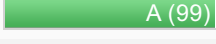

YSlow Grade:

(98%) ↑ Avg: 78%

**A**

Page load time: 0.98s | Total page size: 418KB | Total number of requests: 9

### Priority Issues (Top 5)

|  |  |                  |         |      |
|--|--|------------------|---------|------|
| Leverage browser caching                 |  C (71)   | ↑ Avg Score: 60% | Server  | High |
| Optimize the order of styles and scripts |  B (85)   | ↓ Avg Score: 93% | CSS/JS  | High |
| Defer parsing of JavaScript              |  A (90)  | ↑ Avg Score: 60% | JS      | High |
| Minify HTML                              |  A (99) | ↑ Avg Score: 93% | Content | High |
| Minify JavaScript                        |  A (99) | ↑ Avg Score: 90% | JS      | High |

### How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google Page Speed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

### About the Developer



GTmetrix is developed by the good folks at **Gossamer Threads**, a Vancouver-based company with over 16 years experience in web technology.  
[www.gossamer-threads.com](http://www.gossamer-threads.com)

### What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

### What's in this report?

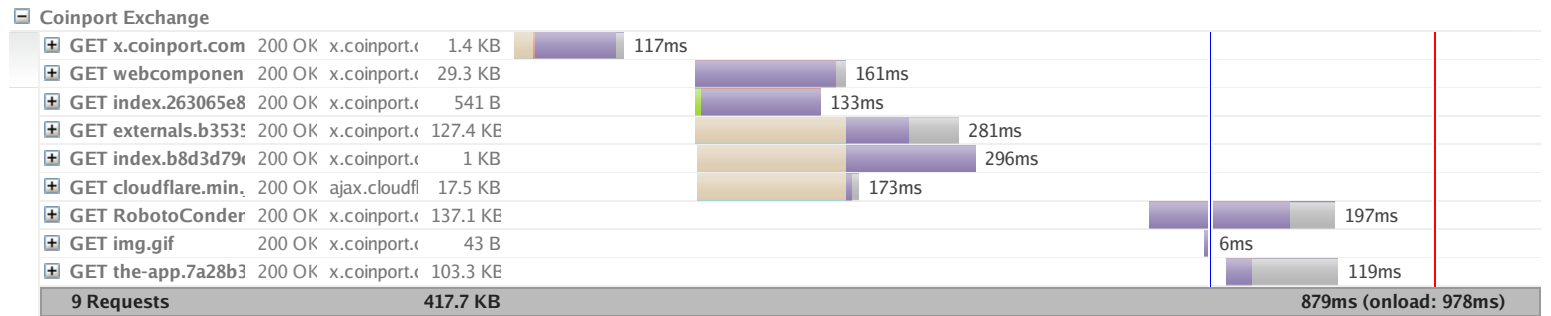
This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth Page Speed & YSlow information








These will provide you with a snapshot of your performance.

## Waterfall

The waterfall graph displays the loading behaviour of your site in Firefox. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.










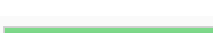
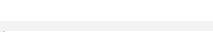




## Page Speed Recommendations

| RECOMMENDATION  | GRADE   | RELATIVE         | TYPE    | PRIORITY |
|---|---|------------------|---------|----------|
| <b>Leverage browser caching</b>   |  C (71)    | ↑ Avg Score: 60% | Server  | High     |
| <p>The following cacheable resources have a short freshness lifetime. Specify an expiration at least one week in the future for the following resources:</p> <ul style="list-style-type: none"> <li><a href="http://x.coinport.com/cdn-cgi/cl/img.gif">http://x.coinport.com/cdn-cgi/cl/img.gif</a> (3 days)</li> <li><a href="http://x.coinport.com/scripts/externals.b3535028.js">http://x.coinport.com/scripts/externals.b3535028.js</a> (5 days)</li> <li><a href="http://x.coinport.com/scripts/index.b8d3d79c.js">http://x.coinport.com/scripts/index.b8d3d79c.js</a> (5 days)</li> <li><a href="http://x.coinport.com/scripts/webcomponents.e3264650.js">http://x.coinport.com/scripts/webcomponents.e3264650.js</a> (5 days)</li> <li><a href="http://x.coinport.com/styles/RobotoCondensed-Regular.ttf">http://x.coinport.com/styles/RobotoCondensed-Regular.ttf</a> (5 days)</li> <li><a href="http://x.coinport.com/styles/index.263065e8.css">http://x.coinport.com/styles/index.263065e8.css</a> (5 days)</li> </ul> |   |                  |         |          |
| <b>Optimize the order of styles and scripts</b>   |  B (85)    | ↓ Avg Score: 93% | CSS/JS  | High     |
| <p>The following external CSS files were included after an external JavaScript file in <a href="http://x.coinport.com/">http://x.coinport.com/</a>. To ensure CSS files are downloaded in parallel, always include external CSS before external JavaScript.</p> <ul style="list-style-type: none"> <li><a href="http://x.coinport.com/styles/index.263065e8.css">http://x.coinport.com/styles/index.263065e8.css</a></li> </ul>   |   |                  |         |          |
| <b>Defer parsing of JavaScript</b>  |  A (90)  | ↑ Avg Score: 60% | JS      | High     |
| <p>91.9KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.</p> <ul style="list-style-type: none"> <li><a href="http://x.coinport.com/scripts/webcomponents.e3264650.js">http://x.coinport.com/scripts/webcomponents.e3264650.js</a> (91.0KiB)</li> <li><a href="http://x.coinport.com/">http://x.coinport.com/</a> (446B of inline JavaScript)</li> <li><a href="http://x.coinport.com/the-app.7a28b350.html">http://x.coinport.com/the-app.7a28b350.html</a> (446B of inline JavaScript)</li> </ul>   |   |                  |         |          |
| <b>Minify HTML</b>  |  A (99)  | ↑ Avg Score: 93% | Content | High     |
| <p>Minifying the following HTML resources could reduce their size by 1.0KiB (2% reduction).</p> <ul style="list-style-type: none"> <li>Minifying <a href="http://x.coinport.com/the-app.7a28b350.html">http://x.coinport.com/the-app.7a28b350.html</a> could save 1.0KiB (2% reduction) after compression. See <a href="#">optimized version</a></li> <li>Minifying <a href="http://x.coinport.com/">http://x.coinport.com/</a> could save 42B (4% reduction) after compression. See <a href="#">optimized version</a></li> </ul>   |   |                  |         |          |
| <b>Minify JavaScript</b>  |  A (99)  | ↑ Avg Score: 90% | JS      | High     |
| <p>Minifying the following JavaScript resources could reduce their size by 79B (1% reduction).</p> <ul style="list-style-type: none"> <li>Minifying <a href="http://ajax.cloudflare.com/cdn-cgi/nexp/dok3v=919620257c/cloudflare.min.js">http://ajax.cloudflare.com/cdn-cgi/nexp/dok3v=919620257c/cloudflare.min.js</a> could save 46B (1% reduction) after compression. See <a href="#">optimized version</a></li> <li>Minifying <a href="http://x.coinport.com/scripts/externals.b3535028.js">http://x.coinport.com/scripts/externals.b3535028.js</a> could save 33B (1% reduction) after compression. See <a href="#">optimized version</a></li> </ul>   |   |                  |         |          |
| <b>Avoid bad requests</b>   |  A (100) | ⚡ Avg Score: 97% | Content | High     |
| <p>You scored 100% on this suggestion - nothing to do here!</p>   |   |                  |         |          |
| <b>Avoid a character set in the meta tag</b>  |  A (100) | ⚡ Avg Score: 96% | Content | High     |
| <p>You scored 100% on this suggestion - nothing to do here!</p>   |   |                  |         |          |

|  |                    |                          |         |        |
|--|--------------------|--------------------------|---------|--------|
| <b>Avoid landing page redirects</b>                      | <div>A (100)</div> | ⬆ Avg Score: <b>97%</b>  | Server  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Enable gzip compression</b>                           | <div>A (100)</div> | ⬆ Avg Score: <b>82%</b>  | Server  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Enable Keep-Alive</b>                                 | <div>A (100)</div> | ⬆ Avg Score: <b>96%</b>  | Server  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Inline small CSS</b>                                  | <div>A (100)</div> | ⬆ Avg Score: <b>94%</b>  | CSS     | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Inline small JavaScript</b>                           | <div>A (100)</div> | ⬆ Avg Score: <b>96%</b>  | JS      | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Minify CSS</b>  | <div>A (100)</div> | ⬆ Avg Score: <b>87%</b>  | CSS     | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Minimize redirects</b>                                | <div>A (100)</div> | ⬆ Avg Score: <b>90%</b>  | Content | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Minimize request size</b>                             | <div>A (100)</div> | ⬆ Avg Score: <b>99%</b>  | Content | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Optimize images</b>                                   | <div>A (100)</div> | ⬆ Avg Score: <b>76%</b>  | Images  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Put CSS in the document head</b>                      | <div>A (100)</div> | ⬆ Avg Score: <b>100%</b> | CSS     | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Remove query strings from static resources</b>        | <div>A (100)</div> | ⬆ Avg Score: <b>87%</b>  | Content | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Serve resources from a consistent URL</b>             | <div>A (100)</div> | ⬆ Avg Score: <b>95%</b>  | Content | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Serve scaled images</b>                               | <div>A (100)</div> | ⬆ Avg Score: <b>81%</b>  | Images  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Specify a cache validator</b>                         | <div>A (100)</div> | ⬆ Avg Score: <b>93%</b>  | Server  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Specify a Vary: Accept-Encoding header</b>            | <div>A (100)</div> | ⬆ Avg Score: <b>91%</b>  | Server  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Specify a character set early</b>                     | <div>A (100)</div> | ⬆ Avg Score: <b>98%</b>  | Content | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Specify image dimensions</b>                          | <div>A (100)</div> | ⬆ Avg Score: <b>49%</b>  | Images  | High   |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Avoid CSS @import</b>                                 | <div>A (100)</div> | ⬆ Avg Score: <b>96%</b>  | CSS     | Medium |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |
| <b>Combine images using CSS sprites</b>                  | <div>A (100)</div> | ⬆ Avg Score: <b>79%</b>  | Images  | Medium |
| You scored 100% on this suggestion - nothing to do here! |                    |                          |         |        |

You scored 100% on this suggestion - nothing to do here!

## YSlow Recommendations

| RECOMMENDATION   | GRADE   | RELATIVE          | TYPE    | PRIORITY |
|--|---|-------------------|---------|----------|
| <b>Use cookie-free domains</b>   |  C (70)    | ↑ Avg Score: 46%  | Cookie  | Low      |
| There are 6 components that are not cookie-free  |   |                   |         |          |
| <ul style="list-style-type: none"> <li><a href="http://x.coinport.com/scripts/webcomponents.e3264650.js">http://x.coinport.com/scripts/webcomponents.e3264650.js</a></li> <li><a href="http://x.coinport.com/styles/index.263065e8.css">http://x.coinport.com/styles/index.263065e8.css</a></li> <li><a href="http://x.coinport.com/scripts/externals.b3535028.js">http://x.coinport.com/scripts/externals.b3535028.js</a></li> <li><a href="http://x.coinport.com/scripts/index.b8d3d79c.js">http://x.coinport.com/scripts/index.b8d3d79c.js</a></li> <li><a href="http://ajax.cloudflare.com/cdn-cgi/nexp/dok3v=919620257c/cloudflare.min.js">http://ajax.cloudflare.com/cdn-cgi/nexp/dok3v=919620257c/cloudflare.min.js</a></li> <li><a href="http://x.coinport.com/cdn-cgi/cl/img.gif">http://x.coinport.com/cdn-cgi/cl/img.gif</a></li> </ul> |   |                   |         |          |
| <b>Make fewer HTTP requests</b>  |  A (96)    | ↑ Avg Score: 38%  | Content | High     |
| This page has 4 external Javascript scripts. Try combining them into one.  |   |                   |         |          |
| <b>Avoid empty src or href</b>   |  A (100)   | ⬆ Avg Score: 100% | Content | High     |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Add Expires headers</b>   |  A (100)   | ↑ Avg Score: 25%  | Server  | High     |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Compress components with gzip</b>   |  A (100) | ↑ Avg Score: 72%  | Server  | High     |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Use a Content Delivery Network (CDN)</b>  |  A (100) | ↑ Avg Score: 11%  | Server  | Medium   |
| Using a CDN YSlow doesn't recognize? Specify your CDNs in your <a href="#">User Settings</a> .   |   |                   |         |          |
| <b>Minify JavaScript and CSS</b>   |  A (100) | ↑ Avg Score: 72%  | CSS/JS  | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Avoid URL redirects</b>   |  A (100) | ↑ Avg Score: 84%  | Content | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Make AJAX cacheable</b>   |  A (100) | ⬆ Avg Score: 100% | JS      | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Put CSS at the top</b>  |  A (100) | ⬆ Avg Score: 100% | CSS     | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Remove duplicate JavaScript and CSS</b>   |  A (100) | ⬆ Avg Score: 100% | CSS/JS  | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Put JavaScript at bottom</b>  |  A (100) | ⬆ Avg Score: 100% | JS      | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |
| <b>Avoid AlphasLoader filter</b>   |  A (100) | ⬆ Avg Score: 96%  | CSS     | Medium   |
| You scored 100% on this suggestion - nothing to do here!   |   |                   |         |          |

|  |         |                   |         |        |
|--|---------|-------------------|---------|--------|
| <b>Avoid HTTP 404 (Not Found) error</b>  | A (100) | 📌 Avg Score: 100% | Content | Medium |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Reduce the number of DOM elements</b>   | A (100) | ⬆️ Avg Score: 93% | Content | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Do not scale images in HTML</b>   | A (100) | 📌 Avg Score: 100% | Images  | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Use GET for AJAX requests</b>   | A (100) | 📌 Avg Score: 100% | JS      | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Avoid CSS expressions</b>   | A (100) | 📌 Avg Score: 98%  | CSS     | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Reduce DNS lookups</b>  | A (100) | ⬆️ Avg Score: 74% | Content | Low    |
| <ul style="list-style-type: none"> <li>x.coinport.com: 7 components, 995.6K (269.3K GZip)</li> <li>ajax.cloudflare.com: 1 component, 48.4K (17.9K GZip)</li> </ul> |         |                   |         |        |
| <b>Reduce cookie size</b>  | A (100) | 📌 Avg Score: 100% | Cookie  | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Make favicon small and cacheable</b>  | A (100) | 📌 Avg Score: 100% | Images  | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Configure entity tags (ETags)</b>   | A (100) | ⬆️ Avg Score: 68% | Server  | Low    |
| You scored 100% on this suggestion - nothing to do here!   |         |                   |         |        |
| <b>Make JavaScript and CSS external</b>  | (n/a)   |                   | CSS/JS  | Medium |
| Only consider this if your property is a common user home page.  |         |                   |         |        |
| <ul style="list-style-type: none"> <li>There is a total of 1 inline css</li> <li>There is a total of 2 inline scripts</li> </ul>                                   |         |                   |         |        |