

## Performance Report for: https://www.cookandlucas.com/

Report generated: Fri, Jul 20, 2018, 4:28 AM -0700

Test Server Region: Vancouver, Canada

Using: Chrome (Desktop) 62.0.3202.94, PageSpeed 1.15-gt1, YSlow 3.1.8

PageSpeed Score <b>A (97%)</b> ^	YSlow Score <b>B (86%)</b> ^	Fully Loaded Time <b>4.6s</b> ^	Total Page Size <b>3.00MB</b> ^	Requests <b>38</b> ^
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### Top 5 Priority Issues

<b>Optimize the order of styles and scripts</b>	<b>B (83)</b>	AVG SCORE: 94%	CSS/JS	HIGH
<b>Defer parsing of JavaScript</b>	<b>A (92)</b>	AVG SCORE: 70%	JS	HIGH
<b>Specify image dimensions</b>	<b>A (98)</b>	AVG SCORE: 98%	IMAGES	MEDIUM
<b>Minify JavaScript</b>	<b>A (98)</b>	AVG SCORE: 88%	JS	HIGH
<b>Minify HTML</b>	<b>A (99)</b>	AVG SCORE: 98%	CONTENT	LOW

### 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 PageSpeed 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 **GT.net**, a Vancouver-based performance hosting company with over 22 years experience in web technology.

<https://gt.net/>

### 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?

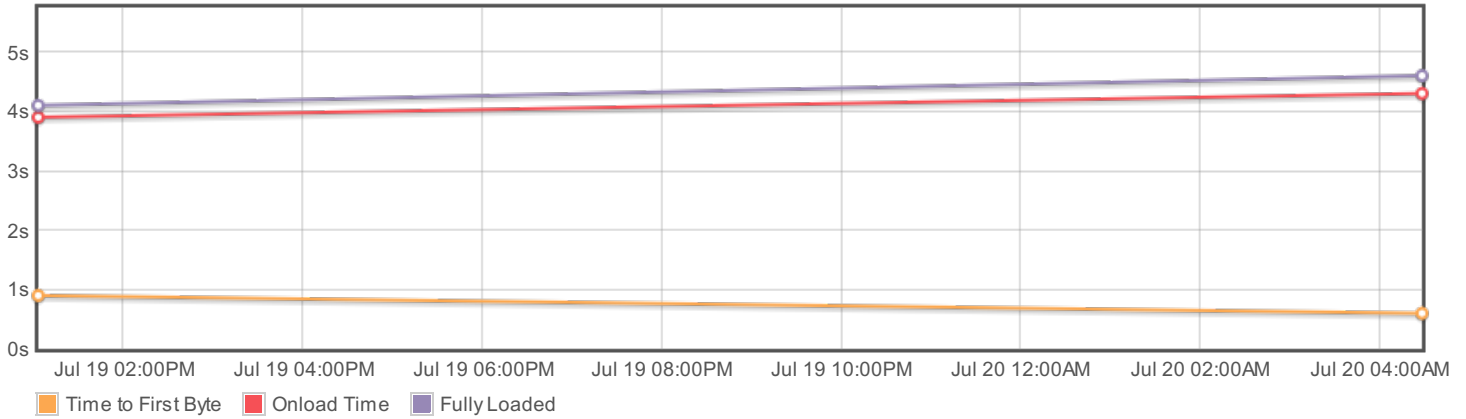
This report covers basic to technical analyses on your page. It is categorized under many headings:

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

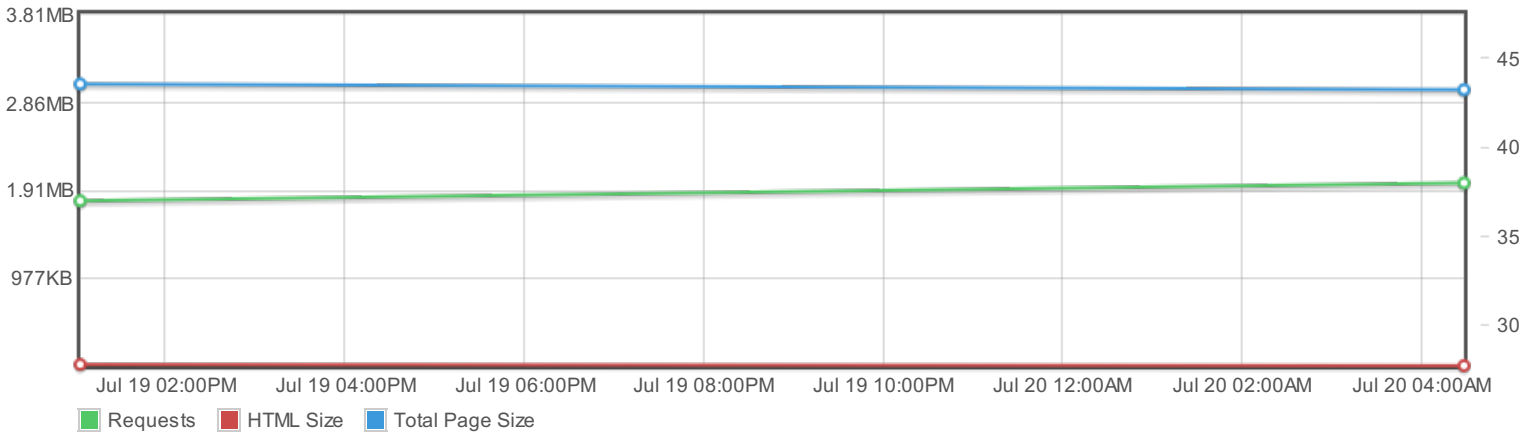
These will provide you with a snapshot of your performance.

## History

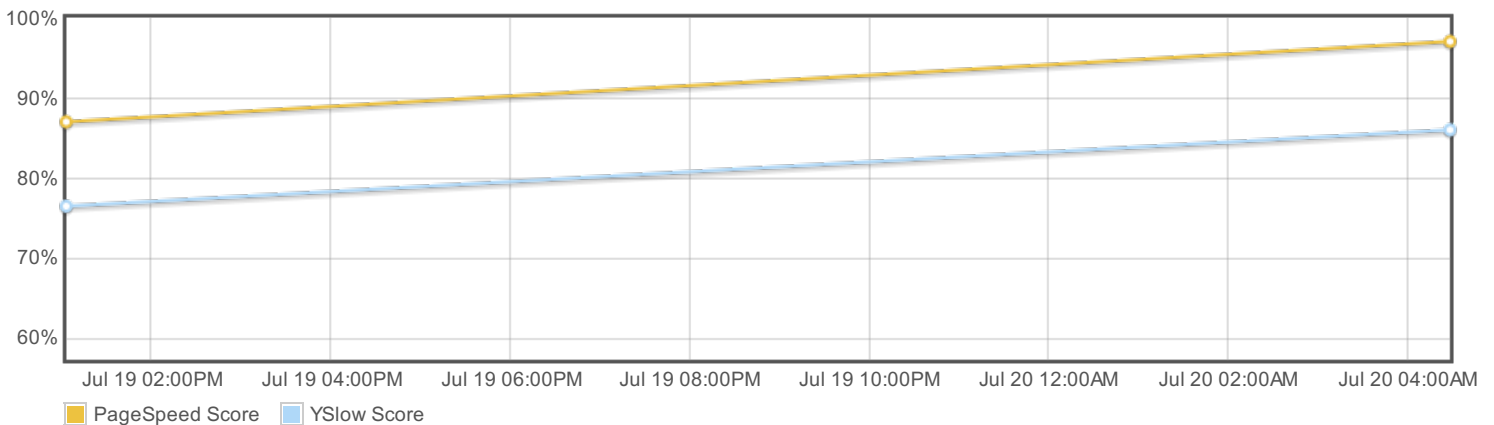
### Page load times



### Page sizes and request counts

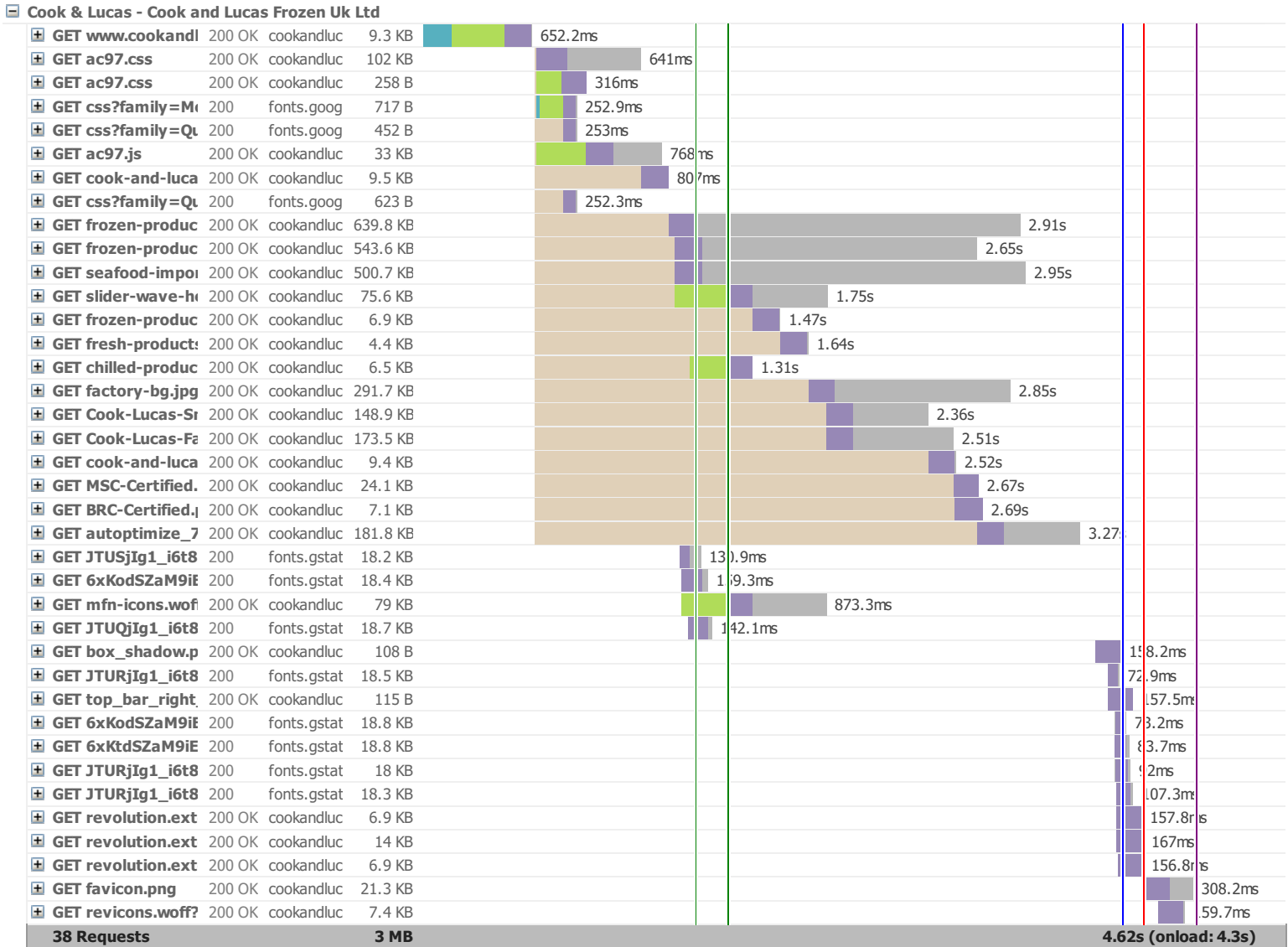


### PageSpeed and YSlow scores



## Waterfall Chart

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



## PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<a href="#">Optimize the order of styles and scripts</a>	<span>B (83)</span>	<span>▼</span> AVG SCORE: 94%	CSS/JS	HIGH
<a href="#">Defer parsing of JavaScript</a>	<span>A (92)</span>	<span>▲</span> AVG SCORE: 70%	JS	HIGH
<a href="#">Specify image dimensions</a>	<span>A (98)</span>	<span>◆</span> AVG SCORE: 98%	IMAGES	MEDIUM
<a href="#">Minify JavaScript</a>	<span>A (98)</span>	<span>▲</span> AVG SCORE: 88%	JS	HIGH
<a href="#">Minify HTML</a>	<span>A (99)</span>	<span>◆</span> AVG SCORE: 98%	CONTENT	LOW
<a href="#">Minify CSS</a>	<span>A (99)</span>	<span>◆</span> AVG SCORE: 95%	CSS	HIGH
<a href="#">Avoid bad requests</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 98%	CONTENT	HIGH
<a href="#">Avoid landing page redirects</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 98%	SERVER	HIGH
<a href="#">Enable gzip compression</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 85%	SERVER	HIGH
<a href="#">Enable Keep-Alive</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 96%	SERVER	HIGH
<a href="#">Inline small CSS</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 96%	CSS	HIGH
<a href="#">Inline small JavaScript</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 94%	JS	HIGH
<a href="#">Leverage browser caching</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 60%	SERVER	HIGH
<a href="#">Minimize redirects</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 89%	CONTENT	HIGH
<a href="#">Minimize request size</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 96%	CONTENT	HIGH
<a href="#">Optimize images</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 70%	IMAGES	HIGH
<a href="#">Put CSS in the document head</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 100%	CSS	HIGH
<a href="#">Serve resources from a consistent URL</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 88%	CONTENT	HIGH
<a href="#">Serve scaled images</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 73%	IMAGES	HIGH
<a href="#">Specify a cache validator</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 94%	SERVER	HIGH
<a href="#">Combine images using CSS sprites</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 90%	IMAGES	HIGH
<a href="#">Avoid CSS @import</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 98%	CSS	MEDIUM
<a href="#">Prefer asynchronous resources</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 100%	JS	MEDIUM
<a href="#">Specify a character set early</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 100%	CONTENT	MEDIUM
<a href="#">Avoid a character set in the meta tag</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 100%	CONTENT	LOW
<a href="#">Remove query strings from static resources</a>	<span>A (100)</span>	<span>▲</span> AVG SCORE: 88%	CONTENT	LOW
<a href="#">Specify a Vary: Accept-Encoding header</a>	<span>A (100)</span>	<span>◆</span> AVG SCORE: 96%	SERVER	LOW

## YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
<a href="#">Use a Content Delivery Network (CDN)</a>	F (0)	▼ AVG SCORE: 22%	SERVER	MEDIUM
<a href="#">Add Expires headers</a>	D (67)	▲ AVG SCORE: 26%	SERVER	HIGH
<a href="#">Make fewer HTTP requests</a>	B (80)	▲ AVG SCORE: 32%	CONTENT	HIGH
<a href="#">Compress components with gzip</a>	A (100)	▲ AVG SCORE: 85%	SERVER	HIGH
<a href="#">Minify JavaScript and CSS</a>	A (100)	▲ AVG SCORE: 71%	CSS/JS	MEDIUM
<a href="#">Avoid URL redirects</a>	A (100)	▲ AVG SCORE: 88%	CONTENT	MEDIUM
<a href="#">Make AJAX cacheable</a>	A (100)	◆ AVG SCORE: 100%	JS	MEDIUM
<a href="#">Remove duplicate JavaScript and CSS</a>	A (100)	◆ AVG SCORE: 100%	CSS/JS	MEDIUM
<a href="#">Avoid AlphasLoader filter</a>	A (100)	◆ AVG SCORE: 99%	CSS	MEDIUM
<a href="#">Avoid HTTP 404 (Not Found) error</a>	A (100)	◆ AVG SCORE: 98%	CONTENT	MEDIUM
<a href="#">Reduce the number of DOM elements</a>	A (100)	▲ AVG SCORE: 92%	CONTENT	LOW
<a href="#">Use cookie-free domains</a>	A (100)	▲ AVG SCORE: 50%	COOKIE	LOW
<a href="#">Use GET for AJAX requests</a>	A (100)	◆ AVG SCORE: 100%	JS	LOW
<a href="#">Avoid CSS expressions</a>	A (100)	◆ AVG SCORE: 99%	CSS	LOW
<a href="#">Reduce DNS lookups</a>	A (100)	▲ AVG SCORE: 69%	CONTENT	LOW
<a href="#">Reduce cookie size</a>	A (100)	◆ AVG SCORE: 100%	COOKIE	LOW
<a href="#">Make favicon small and cacheable</a>	A (100)	◆ AVG SCORE: 100%	IMAGES	LOW
<a href="#">Configure entity tags (ETags)</a>	A (100)	▲ AVG SCORE: 91%	SERVER	LOW
<a href="#">Make JavaScript and CSS external</a>	(n/a)		CSS/JS	MEDIUM