Performance Report for:
https://musing-tesla-381a66.netlify.com/

Report generated:	Wed, Mar 18, 2020 5:48 AM -0700
Test Server Region:	🇨🇦 Vancouver, Canada
Using:	🌐 Chrome (Desktop) 75.0.3770.100, PageSpeed 1.15-gt1.2, YSlow 3.1.8

PageSpeed Score	YSlow Score		Fully Loaded Time	Total Page Size	Requests
A (95%) ^	**B (85%)** ^		**6.8s** ^	**1.60MB** ^	**55** ^

Top 5 Priority Issues

Issue	Grade		Avg Score	Category	Priority
Optimize images	B (85)	▲	AVG SCORE: 73%	IMAGES	HIGH
Avoid CSS @import	A (92)	▼	AVG SCORE: 98%	CSS	MEDIUM
Specify image dimensions	A (95)	◆	AVG SCORE: 98%	IMAGES	MEDIUM
Leverage browser caching	A (96)	▲	AVG SCORE: 65%	SERVER	HIGH
Minify JavaScript	A (98)	▲	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 PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

About the Developer

CARBON60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 24 years experience in web technology.

https://carbon60.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 PageSpeed & YSlow information

These will provide you with a snapshot of your performance.

History

Page load times

Legend: Time to First Byte — Onload Time — Fully Loaded
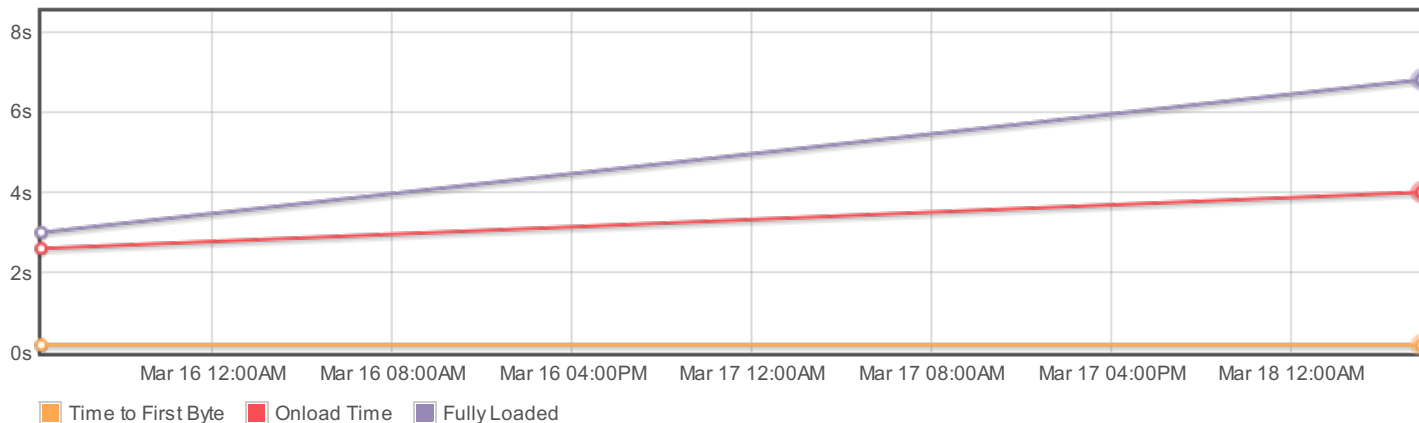
Page sizes and request counts

Legend: Requests — HTML Size — Total Page Size
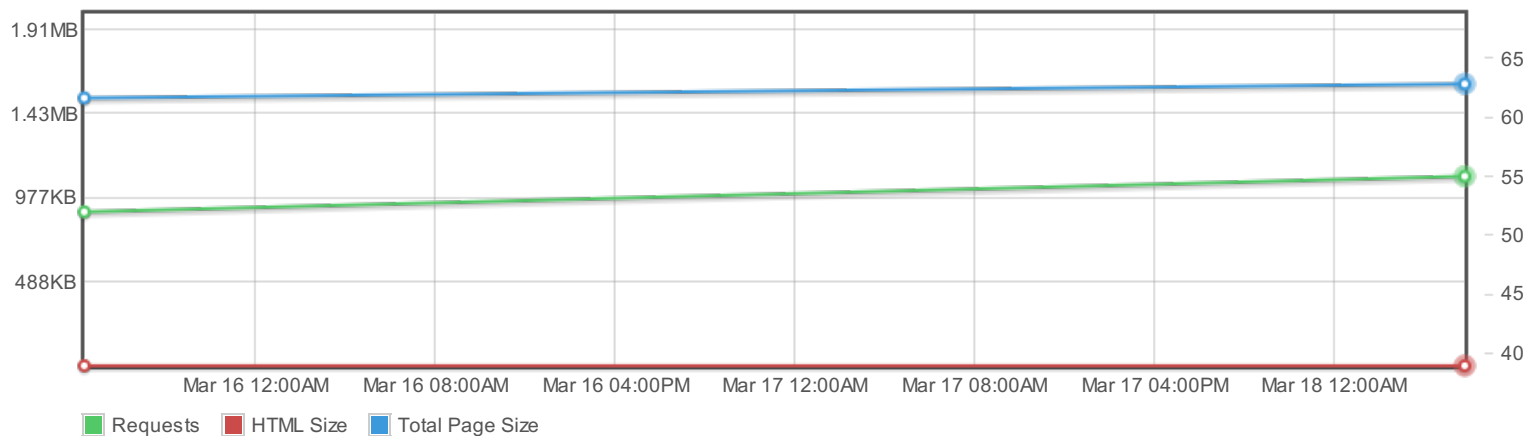
PageSpeed and YSlow scores

Legend: PageSpeed Score — YSlow Score

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.

Cape Towns Best Bits

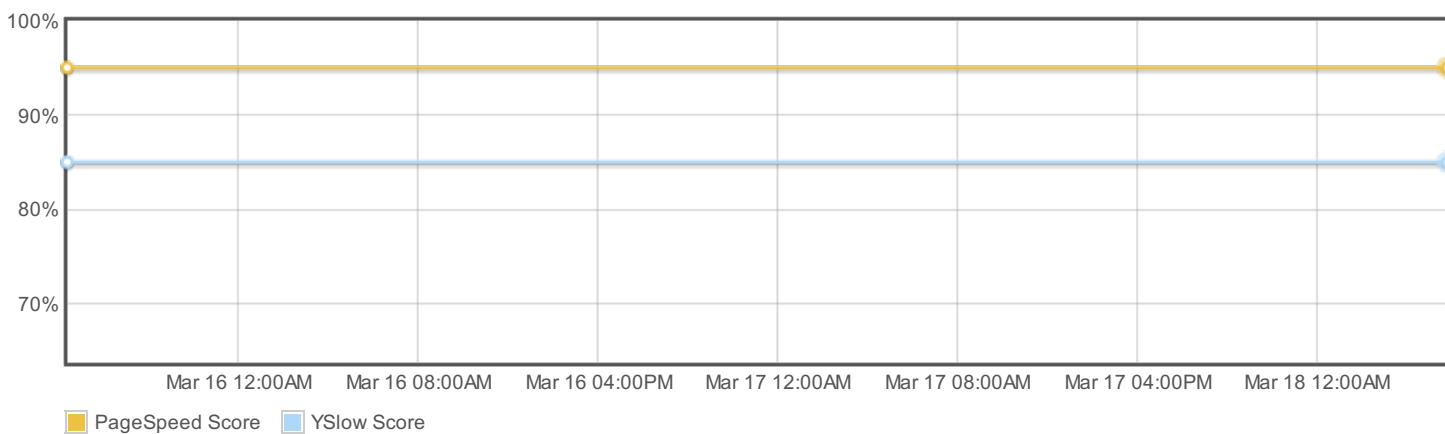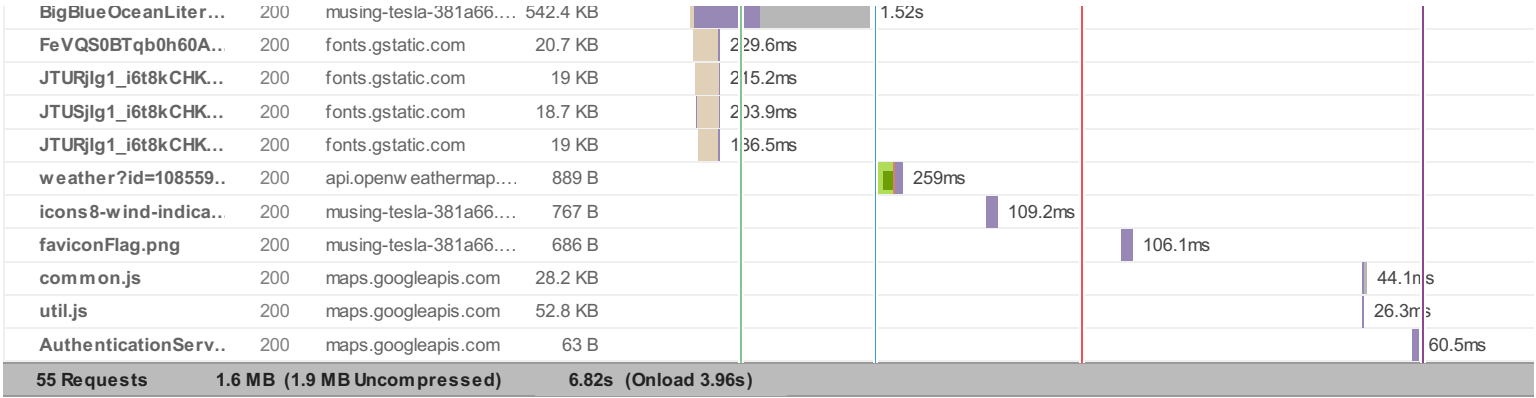| File	Status	Host	Size	Time
/	200	musing-tesla-381a66....	3.8 KB	196.8ms
style.css	200	musing-tesla-381a66....	5.4 KB	325.3ms
tableMountainIcon...	200	musing-tesla-381a66....	1.4 KB	102.7ms
TM50x50.jpg	200	musing-tesla-381a66....	2.5 KB	101.5ms
twoOceans50x50.jp...	200	musing-tesla-381a66....	2 KB	556.8ms
bo-kaap50x50.jpg	200	musing-tesla-381a66....	2.4 KB	571.4ms
constaina50x50.jpg	200	musing-tesla-381a66....	2.3 KB	584.2ms
kalkBay50x50.jpg	200	musing-tesla-381a66....	1.8 KB	637.8ms
boulders-bay50x50...	200	musing-tesla-381a66....	1.7 KB	585.8ms
chapmans-peak-dr...	200	musing-tesla-381a66....	2.1 KB	650.4ms
district-six-museu...	200	musing-tesla-381a66....	2.5 KB	584.9ms
cape_point-50x50.j...	200	musing-tesla-381a66....	2 KB	633.2ms
Kirstenbosch-Bota...	200	musing-tesla-381a66....	1.4 KB	652.9ms
KayakCapeTown50...	200	musing-tesla-381a66....	2.6 KB	600.4ms
CapeTownHelicopt...	200	musing-tesla-381a66....	2.1 KB	651.6ms
inverdoornlion50x5...	200	musing-tesla-381a66....	2.8 KB	608.7ms
AbseilTableMount...	200	musing-tesla-381a66....	17.5 KB	1.05s
WinelandBalloonin...	200	musing-tesla-381a66....	2.4 KB	1.29s
SharkBookings50x...	200	musing-tesla-381a66....	3.2 KB	764ms
Zipline-CapeCanop...	200	musing-tesla-381a66....	2.4 KB	1.05s
ScootoursCapeTow.	200	musing-tesla-381a66....	2.6 KB	752.3ms
LionsHead-HikeAd...	200	musing-tesla-381a66....	2.6 KB	714.8ms
waterBykes50x50.j...	200	musing-tesla-381a66....	1.8 KB	714.5ms
Jonkershuis_Rest...	200	musing-tesla-381a66....	3.1 KB	714.9ms
Snoekies_Hout_Ba...	200	musing-tesla-381a66....	3.1 KB	754.7ms
Harbour_House_Ka...	200	musing-tesla-381a66....	2.7 KB	764.7ms
Mamma_Afirca50x...	200	musing-tesla-381a66....	2.5 KB	751.9ms
shortMarketClub5...	200	musing-tesla-381a66....	2.2 KB	749.5ms
Stardust_Theatrica...	200	musing-tesla-381a66....	2.7 KB	753ms
Chefs_Warehouse...	200	musing-tesla-381a66....	3 KB	714.6ms
Cape_Point_Vineya...	200	musing-tesla-381a66....	2.5 KB	763.2ms
Monkey_Valley_Re...	200	musing-tesla-381a66....	2.7 KB	764.2ms
lighthouseCafe50x...	200	musing-tesla-381a66....	2.5 KB	714.7ms
t-google-maps-ico...	200	musing-tesla-381a66....	1.1 KB	703.2ms
jquery-3.4.1.min.js	200	code.jquery.com	30.4 KB	256.4ms
js?key=AlzaSyBaqA.	200	maps.googleapis.com	39.3 KB	554.9ms
googleMaps.js	200	musing-tesla-381a66....	7.9 KB	335.2ms
listener.js	200	musing-tesla-381a66....	478 B	523.8ms
mainPageFunction...	200	musing-tesla-381a66....	1 KB	597.3ms
weather_API.js	200	musing-tesla-381a66....	1.3 KB	700.3ms
css?family=Bange...	200	fonts.googleapis.com	1.2 KB	63.2ms
capeTownCityBoll1...	200	musing-tesla-381a66....	91.4 KB	297.1ms
sunnyBackground...	200	musing-tesla-381a66....	382.4 KB	492.3ms
orangeYelloSunSe...	200	musing-tesla-381a66....	278.6 KB	599.4ms

BigBlueOceanLiter...	200	musing-tesla-381a66....	542.4 KB	1.52s
FeVQS0BTqb0h60A...	200	fonts.gstatic.com	20.7 KB	229.6ms
JTURjIg1_i6t8kCHK...	200	fonts.gstatic.com	19 KB	215.2ms
JTUSjIg1_i6t8kCHK...	200	fonts.gstatic.com	18.7 KB	203.9ms
JTURjIg1_i6t8kCHK...	200	fonts.gstatic.com	19 KB	136.5ms
weather?id=108559...	200	api.openweathermap....	889 B	259ms
icons8-wind-indica...	200	musing-tesla-381a66....	767 B	109.2ms
faviconFlag.png	200	musing-tesla-381a66....	686 B	106.1ms
common.js	200	maps.googleapis.com	28.2 KB	44.1ms
util.js	200	maps.googleapis.com	52.8 KB	26.3ms
AuthenticationServ..	200	maps.googleapis.com	63 B	60.5ms
55 Requests		**1.6 MB (1.9 MB Uncompressed)**		**6.82s (Onload 3.96s)**

PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Optimize images	B (85)	▲ AVG SCORE: 73%	IMAGES	HIGH
Avoid CSS @import	A (92)	▼ AVG SCORE: 98%	CSS	MEDIUM
Specify image dimensions	A (95)	◆ AVG SCORE: 98%	IMAGES	MEDIUM
Leverage browser caching	A (96)	▲ AVG SCORE: 65%	SERVER	HIGH
Minify JavaScript	A (98)	▲ AVG SCORE: 90%	JS	HIGH
Specify a cache validator	A (98)	◆ AVG SCORE: 95%	SERVER	HIGH
Minify CSS	A (99)	◆ AVG SCORE: 96%	CSS	HIGH
Minify HTML	A (99)	◆ AVG SCORE: 99%	CONTENT	LOW
Enable compression	A (99)	▲ AVG SCORE: 89%	SERVER	HIGH
Defer parsing of JavaScript	A (99)	▲ AVG SCORE: 72%	JS	HIGH
Avoid bad requests	A (100)	◆ AVG SCORE: 98%	CONTENT	HIGH
Avoid landing page redirects	A (100)	◆ AVG SCORE: 98%	SERVER	HIGH
Enable Keep-Alive	A (100)	◆ AVG SCORE: 99%	SERVER	HIGH
Inline small CSS	A (100)	◆ AVG SCORE: 95%	CSS	HIGH
Inline small JavaScript	A (100)	◆ AVG SCORE: 95%	JS	HIGH
Minimize redirects	A (100)	▲ AVG SCORE: 88%	CONTENT	HIGH
Minimize request size	A (100)	◆ AVG SCORE: 95%	CONTENT	HIGH
Optimize the order of styles and scripts	A (100)	▲ AVG SCORE: 94%	CSS/JS	HIGH
Put CSS in the document head	A (100)	◆ AVG SCORE: 100%	CSS	HIGH
Serve resources from a consistent URL	A (100)	▲ AVG SCORE: 91%	CONTENT	HIGH
Serve scaled images	A (100)	▲ AVG SCORE: 71%	IMAGES	HIGH
Combine images using CSS sprites	A (100)	▲ AVG SCORE: 93%	IMAGES	HIGH
Prefer asynchronous resources	A (100)	◆ AVG SCORE: 100%	JS	MEDIUM
Specify a Vary: Accept-Encoding header	A (99)	◆ AVG SCORE: 97%	SERVER	LOW
Specify a character set early	A (100)	◆ AVG SCORE: 100%	CONTENT	MEDIUM
Avoid a character set in the meta tag	A (100)	◆ AVG SCORE: 100%	CONTENT	LOW

YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	❤ AVG SCORE: 30%	SERVER	HIGH
Make fewer HTTP requests	B (88)	▲ AVG SCORE: 32%	CONTENT	HIGH
Reduce DNS lookups	A (95)	▲ AVG SCORE: 71%	CONTENT	LOW
Compress components	A (100)	▲ AVG SCORE: 90%	SERVER	HIGH
Use a Content Delivery Network (CDN)	A (100)	▲ AVG SCORE: 29%	SERVER	MEDIUM
Minify JavaScript and CSS	A (100)	▲ AVG SCORE: 73%	CSS/JS	MEDIUM
Avoid URL redirects	A (100)	▲ AVG SCORE: 87%	CONTENT	MEDIUM
Make AJAX cacheable	A (100)	◆ AVG SCORE: 100%	JS	MEDIUM
Remove duplicate JavaScript and CSS	A (100)	◆ AVG SCORE: 100%	CSS/JS	MEDIUM
Avoid AlphaImageLoader filter	A (100)	◆ AVG SCORE: 99%	CSS	MEDIUM
Avoid HTTP 404 (Not Found) error	A (100)	◆ AVG SCORE: 98%	CONTENT	MEDIUM
Reduce the number of DOM elements	A (100)	▲ AVG SCORE: 92%	CONTENT	LOW
Use cookie-free domains	A (100)	▲ AVG SCORE: 54%	COOKIE	LOW
Use GET for AJAX requests	A (100)	◆ AVG SCORE: 100%	JS	LOW
Avoid CSS expressions	A (100)	◆ AVG SCORE: 99%	CSS	LOW
Reduce cookie size	A (100)	◆ AVG SCORE: 100%	COOKIE	LOW
Make favicon small and cacheable	A (100)	◆ AVG SCORE: 100%	IMAGES	LOW
Configure entity tags (ETags)	A (100)	◆ AVG SCORE: 96%	SERVER	LOW
Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM