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### 1

#### a

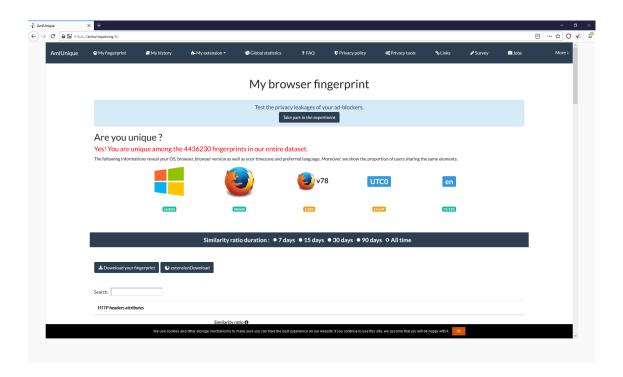
Tor Browser uses Firefox v78 and UTC0 whereas my Firefox is version v92 with UTC-4, see Figure 1 and Figure 2. Tor Browser's version and UTC number are less unique than the latest version of the Firefox that I am currently using. Tor Browser does not support WebGL which is a driver of uniqueness on Firefox, see Figure 3 and Figure 4. Tor Browser tends to avoid supporting features, most likely to become less unique. This can have a negative effect such as for audio context and frequency analyser where Firefox is less unique than Tor Browser, see Figure 7 and Figure 8. The canvas on both browsers are very unique but on the Tor Browser it is absolutely unique, see Figure 5 and Figure 6.

### b

The takeaway is that both browser fingerprints are unique and can technically be tracked. Although, interestingly enough when I refresh both browsers, the Firefox fingerprint identified a previous identical fingerprint whereas the Tor browser fingerprint did not, see Figure 1 and Figure 2. The Firefox fingerprint therefore may require less computation to track the user whereas tracking the Tor Browser fingerprint may require more work computationally.



Figur 1: Firefox Browser Fingerprint



Figur 2: Tor Browser Fingerprint



Figur 3: Firefox WebGL



Figur 4: Tor Browser WebGL



Figur 5: Firefox Browser Canvas



Figur 6: Tor Browser Canvas



Figur 7: Firefox Browser's Supported Features Less Unique Than Tor Browser's Not Supported Features



Figur 8: Tor Browser's Not Supported Features Driving Uniqueness

## 2

### a

There are 54 unique third-party domains while visiting macys.com. There are 135 unique third-party domains while visiting cnn.com. There are 158 unique third-party domains across both cnn.com and macys.com.

### h

There are 31 common unique third-party domains across cnn.com and macys.com.

c

For the Disconnect list, 87 requests are blocked while visiting macys.com. 597 requests are blocked while visiting cnn.com. 684 requests are blocked across both cnn.com and macys.com.

# 

Rule	# of HTTP requests blocked
cookie-sync?	9
llpx.moatads.com ^\$image	3
llscorecardresearch.com ^\$script	3