

Converting Colors

XYZ(39.1200, 23.2804, 8.2073)

Have a look what the booklet for
XYZ(39.1200, 23.2804, 8.2073)
contains.

XYZ(39.2308, 23.3478, 8.2332)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.2308, 23.3478,
8.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	F04646
RGB	240, 70, 70
RGB Percent	94%, 27%, 27%
CMY	0.0588, 0.7254, 0.7255
CMYK	0.00, 0.71, 0.71, 0.06
HSL	0°, 85%, 61%
HSV	0°, 71%, 94%
XYZ	39.2308, 23.3478, 8.2332
YIQ	120.8300, 101.3200, 36.0400

Conversions

Conversions Part 2

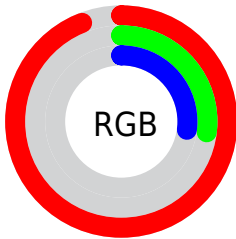
Format	Color
R_{YB}	240, 70, 70
Decimal	15746630
CIE _{Lab}	55.43, 64.39, 38.58
CIE _{LCh}	55, 75.067, 30.927
Yxy	23.3478, 0.5540, 0.3297
Android (android.graphics.Color)	4293936710 (0xFFFF04646)
YUV	120.8300, -25.0592, 104.5121
Hunter-Lab	48.3196, 60.3655, 23.7212

Details

The XYZ color **39.2308, 23.3478, 8.2332** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **49.4102, 69.9061, 93.3264**, and the grayscale version is **18.1760, 19.1226, 20.8245**.

A 20% lighter version of the original color is **52.4200, 38.2924, 22.0811**, and **18.0909, 9.3047, 1.8198** is the 20% darker color. If you saturate the color by 10%, you get **37.4056, 20.6775, 4.6045**, and if you desaturate by 10%, it is **41.9589, 27.3406, 13.6556**.

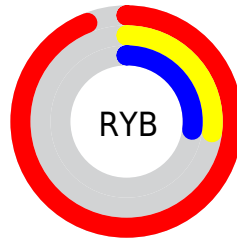
Distribution



Red (94%)

Green (27%)

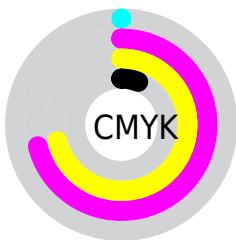
Blue (27%)



Red (94%)

Yellow (27%)

Blue (27%)

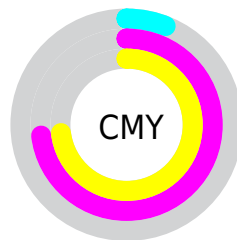


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (6%)



Cyan (6%)


Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2308, 23.3478, 8.2332 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 39.2308, 23.3478, 8.2332 by changing the saturation by 10% instead.


 39.2308, 23.3478,
8.2332


 39.2308, 23.3478,
8.2332


334.0610,
269.5064, 187.5522


 27.1209, 14.8505,
4.1546


 73.2826, 48.9638,
22.9680

 17.8011, 8.7146,
1.7105


 95.9551, 66.8513,
34.4614

 10.9061, 4.5555,
0.3679


 122.8793, 88.6377,
49.2634

 6.0705, 1.9889,
0.0000

 154.4203,
114.7073, 67.7926

 2.9291, 0.6010,
0.0000

 190.9437,
145.4446, 90.4675

 1.1164, 0.0000,
0.0000

232.8147,

 0.0388, 0.0000,

181.2339, 117.7067

0.0000

280.3987,
222.4597, 149.9288

■ 0.0000, 0.0000,
0.0000

■ 39.2308, 23.3478,
8.2332

■ 39.2308, 23.3478,
8.2332

■ 37.4056, 20.6775,
4.6045

■ 41.9589, 27.3406,
13.6556

■ 36.3669, 19.1575,
2.5401


■ 45.6844, 32.7921,
21.0613


■ 35.9351, 18.5255,
1.6818

■ 50.4915, 39.8262,
30.6173

■ 56.4550, 48.5527,
42.4726

■ 63.6434, 59.0713,
56.7628

 72.1195, 71.4742,
73.6131

 81.9421, 85.8473,
93.1402

 89.7449, 97.2651,
108.6517

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.6992, 23.3478, 24.6774



39.2308, 23.3478, 8.2332



31.0503, 23.3478, 2.5935

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2308, 23.3478, 8.2332



10.8131, 23.3478, 8.8627



22.4549, 23.3478, 105.9858

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.2308, 23.3478, 8.2332



49.4102, 69.9061, 93.3264

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.2014, 23.3478, 91.5397



39.2308, 23.3478, 8.2332



9.5967, 23.3478, 26.1810

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2308, 23.3478, 8.2332



14.8508, 23.3478, 2.7611



10.9765, 23.3478, 57.5792



31.6226, 23.3478, 89.7849

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2308, 23.3478, 8.2332



24.8508, 23.3478, 1.6038



10.9765, 23.3478, 57.5792



19.7288, 23.3478, 104.5018

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.2313, 23.3492, 8.2336



72.8282, 67.4834, 64.7234



53.8531, 29.1967, 85.2346



15.0701, 13.6860, 12.8234



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2313, 23.3492, 8.2336



42.2955, 22.8048, 4.0275



48.7617, 42.4100, 11.4104



15.7730, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.4102, 69.9061, 93.3264



54.6138, 79.1472, 107.0062



29.9752, 31.0360, 86.8481



16.2473, 17.9288, 20.3259



25.6647, 37.5537, 51.0238



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 39.2308, 23.3478, 8.2332 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 39.2308, 23.3478, 8.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2308, 23.3478, 8.2332

Background



This preview shows how black text looks on a background with the XYZ color 39.2308, 23.3478, 8.2332.

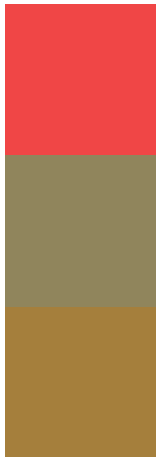


This preview shows how white text looks on a background with the XYZ color 39.2308, 23.3478,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.2308, 23.3478, 8.2332

Protanopia

21.8209, 23.4771, 13.5067

Deuteranopia

23.9220, 23.5043, 7.5509



Tritanopia

39.3279, 23.3866, 8.7446

Trichromacy



Original Color

39.2308, 23.3478, 8.2332

Protanomaly

25.7666, 21.3757, 11.1554

Deuteranomaly

27.8177, 21.8847, 7.6085

Tritanomaly

39.2950, 23.3735, 8.5713

Monochromacy



Original Color

39.2308, 23.3478, 8.2332

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

22.4595, 18.3546, 14.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2308, 23.3478, 8.2332 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(240, 70, 70)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 70, 70) }
```

Border

The CSS property to change the border of an element to XYZ 39.2308, 23.3478, 8.2332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 70, 70) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 70, 70) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 70, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(240, 70,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2308, 23.3478, 8.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 70, 70) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240, 70,  
70) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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