

Converting Colors

XYZ(38.4487, 25.4607, 4.5091)

Have a look what the booklet for
XYZ(38.4487, 25.4607, 4.5091)
contains.

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Color

**XYZ(38.3915, 25.4378,
4.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5C23
RGB	235, 92, 35
RGB Percent	92%, 36%, 14%
CMY	0.0784, 0.6392, 0.8627
CMYK	0.00, 0.61, 0.85, 0.08
HSL	17°, 83%, 53%
HSV	17°, 85%, 92%
XYZ	38.3915, 25.4378, 4.4766
YIQ	128.2590, 103.5250, 12.5890

Conversions

Conversions Part 2

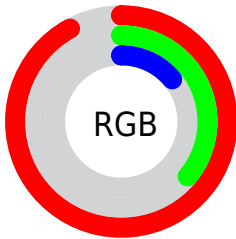
Format	Color
R _Y B	235, 115, 35
Decimal	15424547
CIE Lab	57.50, 52.79, 57.70
CIE LCh	57, 78.205, 47.539
Yxy	25.4378, 0.5621, 0.3724
Android (android.graphics.Color)	4293614627 (0xFFEB5C23)
YUV	128.2590, -45.9767, 93.6119
Hunter-Lab	50.4359, 47.6103, 30.0427

Details

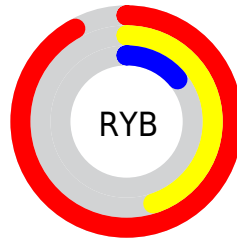
The XYZ color **38.3915, 25.4378, 4.4766** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **31.6073, 38.1930, 84.3029**, and the grayscale version is **20.7385, 21.8185, 23.7603**.

A 20% lighter version of the original color is **53.3534, 42.7993, 14.2532**, and **17.3956, 9.8600, 0.9863** is the 20% darker color. If you saturate the color by 10%, you get **36.8543, 22.7477, 2.7804**, and if you desaturate by 10%, it is **40.4857, 28.8696, 7.5087**.

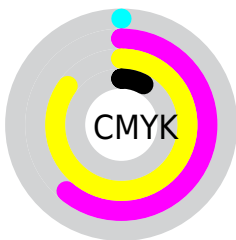
Distribution



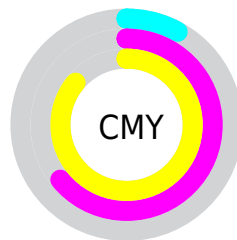
- Red (92%)
- Green (36%)
- Blue (14%)



- Red (92%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (85%)
- Black (8%)





- Cyan (8%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3915, 25.4378, 4.4766 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 38.3915, 25.4378, 4.4766 by changing the saturation by 10% instead.


 38.3915, 25.4378,
4.4766


 38.3915, 25.4378,
4.4766


330.5483,
280.0113, 153.3840


 26.4653, 16.4035,
1.8903


 72.0078, 52.3666,
15.0948


 17.3065, 9.8102,
0.4865


 94.4287, 71.0299,
23.9638

 10.5499, 5.2733,
0.0000


 121.0784, 93.6716,
35.7641

 5.8301, 2.4085,
0.0000

 152.3224,
120.6763, 50.9142

 2.7817, 0.8302,
0.0000

 188.5261,
152.4281, 69.8327

 1.0394, 0.0000,
0.0000

 230.0547,

 0.0000, 0.0000,

189.3117, 92.9382

0.0000

277.2737,
231.7112, 120.6491

■ 38.3915, 25.4378,
4.4766

■ 38.3915, 25.4378,
4.4766

■ 36.8543, 22.7477,
2.7804

■ 40.4857, 28.8696,
7.5087

■ 36.2670, 21.6745,
2.2721

■ 43.1951, 33.0939,
12.0941

■ 46.5710, 38.1616,
18.4115

■ 50.6584, 44.1174,
26.6148

■ 55.4980, 51.0027,
36.8409

■ 61.1271, 58.8562,
49.2135

■ 67.5806, 67.7144,
63.8467

■ 74.8911, 77.6118,
80.8461

■ 83.0895, 88.5811,
100.3110

Harmonies

Analogous

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



45.5844, 25.4378, 14.9398



38.3915, 25.4378, 4.4766



28.2506, 25.4378, 1.7384

Triad

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



38.3915, 25.4378, 4.4766



10.5701, 25.4378, 18.0410



29.9852, 25.4378, 111.0077

Complementary

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



38.3915, 25.4378, 4.4766



31.6073, 38.1930, 84.3029

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.



20.5167, 25.4378, 114.0017



38.3915, 25.4378, 4.4766



10.8084, 25.4378, 46.2033

Square

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



38.3915, 25.4378, 4.4766



13.2281, 25.4378, 5.4993



13.9929, 25.4378, 85.3657



39.9389, 25.4378, 78.7399

Rectangle

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



38.3915, 25.4378, 4.4766



21.9038, 25.4378, 1.6204



13.9929, 25.4378, 85.3657



26.6041, 25.4378, 115.9766

Sweetspot

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



38.3921, 25.4393, 4.4770



72.8508, 69.8372, 57.6138



42.9312, 22.0920, 44.2966



15.0722, 14.2241, 11.1782



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.



38.3921, 25.4393, 4.4770



43.6019, 25.9838, 2.7173



53.3406, 55.3364, 9.4599



15.4151, 15.7532, 15.7469



20.2783, 12.2508, 1.2959



1.6719, 1.1210, 0.1283

Inverse Universe

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



31.6073, 38.1930, 84.3029



34.8425, 40.8050, 100.6475



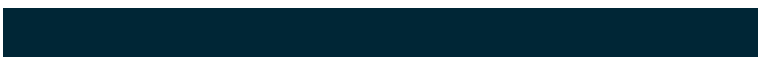
18.4367, 11.8519, 79.9127



15.1338, 16.3541, 19.2813



16.2544, 19.1558, 46.5837



1.3576, 1.6667, 3.6850

Previews

White Background



This preview shows how the XYZ color 38.3915, 25.4378, 4.4766 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 38.3915, 25.4378, 4.4766 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 38.3915, 25.4378, 4.4766

Background



This preview shows how black text looks on a background with the XYZ color 38.3915, 25.4378, 4.4766.



This preview shows how white text looks on a background with the XYZ color 38.3915, 25.4378,

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

38.3915, 25.4378, 4.4766

Protanopia

23.2633, 25.6390, 6.4120

Deuteranopia

25.8681, 25.3756, 3.9154



Tritanopia

40.1846, 25.4328, 12.9163

Trichromacy



Original Color

38.3915, 25.4378, 4.4766

Protanomaly

27.1627, 24.2838, 5.5411

Deuteranomaly

29.5226, 24.6470, 3.9108

Tritanomaly

39.2191, 25.2672, 8.7712

Monochromacy



Original Color

38.3915, 25.4378, 4.4766

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.0875, 21.2851, 13.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3915, 25.4378, 4.4766 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(235, 92, 35)` looks like.

```
.text, #text, p{  
    color:rgb(235, 92, 35)  
}
```

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(235, 92, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 92, 35) }
```

Border

The CSS property to change the border of an element to XYZ 38.3915, 25.4378, 4.4766 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(235, 92, 35) }
```


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

```
.border{ border-color:rgb(235, 92, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 92, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 92, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 92, 35);  
box-shadow:4px 4px 4px 4px rgb(235, 92,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3915, 25.4378, 4.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 92, 35) }
```

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

```
.background{ background-color: rgb(235, 92,  
35) }
```

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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