

Converting Colors

XYZ(39.2238, 26.0380, 4.5728)

Have a look what the booklet for
XYZ(39.2238, 26.0380, 4.5728)
contains.

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Color

**XYZ(39.1428, 25.9546,
4.5368)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5D23
RGB	237, 93, 35
RGB Percent	93%, 36%, 14%
CMY	0.0706, 0.6353, 0.8627
CMYK	0.00, 0.61, 0.85, 0.07
HSL	17°, 85%, 53%
HSV	17°, 85%, 93%
XYZ	39.1428, 25.9546, 4.5368
YIQ	129.4440, 104.4420, 12.4900

Conversions

Conversions Part 2

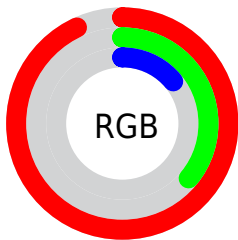
Format	Color
RYB	237, 116, 35
Decimal	15555875
CIELab	57.99, 53.06, 58.24
CIELCh	58, 78.785, 47.665
Yxy	25.9546, 0.5621, 0.3727
Android (android.graphics.Color)	4293745955 (0xFFED5D23)
YUV	129.4440, -46.5609, 94.3266
Hunter-Lab	50.9457, 47.9910, 30.3821

Details

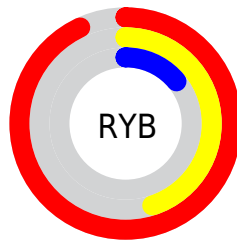
The XYZ color **39.1428, 25.9546, 4.5368** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **32.0977, 38.7088, 85.9000**, and the grayscale version is **21.1562, 22.2579, 24.2389**.

A 20% lighter version of the original color is **53.5096, 43.1117, 14.3052**, and **17.8645, 10.1460, 1.0168** is the 20% darker color. If you saturate the color by 10%, you get **37.5794, 23.2140, 2.8260**, and if you desaturate by 10%, it is **41.2720, 29.4481, 7.6060**.

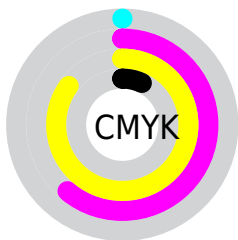
Distribution



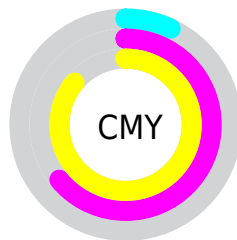
- Red (93%)
- Green (36%)
- Blue (14%)



- Red (93%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (61%)
- Yellow (85%)
- Black (7%)





- Cyan (7%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1428, 25.9546, 4.5368 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 39.1428, 25.9546, 4.5368 by changing the saturation by 10% instead.


 39.1428, 25.9546,
4.5368


 39.1428, 25.9546,
4.5368


333.6940,
282.5591, 154.0171


 27.0521, 16.7897,
1.9242


 73.1491, 53.2017,
15.2300


 17.7491, 10.0847,
0.5081


 95.7954, 72.0527,
24.1477

 10.8686, 5.4551,
0.0000


 122.6908, 94.9011,
36.0041

 6.0452, 2.5167,
0.0000

 154.2009,
122.1314, 51.2179

 2.9135, 0.8850,
0.0000

 190.6909,
154.1280, 70.2076

 1.1082, 0.0000,
0.0000

 232.5261,

 0.0320, 0.0000,

191.2752, 93.3916

0.0000

280.0720,
233.9574, 121.1886

■ 0.0000, 0.0000,
0.0000

■ 39.1428, 25.9546,
4.5368

■ 39.1428, 25.9546,
4.5368

■ 37.5794, 23.2140,
2.8260

■ 41.2720, 29.4481,
7.6060

■ 36.9955, 22.1457,
2.3247

■ 44.0264, 33.7462,
12.2563

■ 47.4582, 38.9003,
18.6707

■ 51.6133, 44.9559,
27.0065

■ 56.5331, 51.9550,
37.4034

62.2558, 59.9369,
49.9882

68.8167, 68.9385,
64.8771

76.2490, 78.9948,
82.1782

84.5842, 90.1390,
101.9928

Harmonies

Analogous

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



46.5103, 25.9546, 15.1638



39.1428, 25.9546, 4.5368



28.7842, 25.9546, 1.7642

Triad

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



39.1428, 25.9546, 4.5368



10.7728, 25.9546, 18.4860



30.6428, 25.9546, 113.2621

Complementary

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



39.1428, 25.9546, 4.5368



32.0977, 38.7088, 85.9000

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.



20.9661, 25.9546, 116.4714



39.1428, 25.9546, 4.5368



11.0280, 25.9546, 47.3111

Square

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



39.1428, 25.9546, 4.5368



13.4726, 25.9546, 5.6316



14.2918, 25.9546, 87.3202



40.8010, 25.9546, 80.2185

Rectangle

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



39.1428, 25.9546, 4.5368



22.3101, 25.9546, 1.6502



14.2918, 25.9546, 87.3202



27.1887, 25.9546, 118.3862

Sweetspot

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



39.1434, 25.9561, 4.5372



72.8851, 69.9058, 57.6253



43.7404, 22.4924, 45.0916



15.0802, 14.2401, 11.1809



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.



39.1434, 25.9561, 4.5372



43.6375, 26.0551, 2.7292



54.3498, 56.3689, 9.6060



15.4178, 15.7586, 15.7478



20.2954, 12.2851, 1.3016



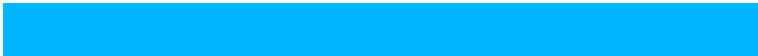
1.6735, 1.1243, 0.1288

Inverse Universe

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



32.0977, 38.7088, 85.9000



34.7313, 40.5826, 100.6104



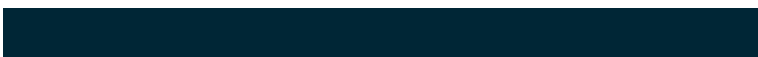
18.7584, 12.0303, 81.4536



15.1310, 16.3485, 19.2803



16.2035, 19.0541, 46.5668



1.3540, 1.6594, 3.6838

Previews

White Background



This preview shows how the XYZ color 39.1428, 25.9546, 4.5368 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 39.1428, 25.9546, 4.5368 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 39.1428, 25.9546, 4.5368

Background



This preview shows how black text looks on a background with the XYZ color 39.1428, 25.9546, 4.5368.



This preview shows how white text looks on a background with the XYZ color 39.1428, 25.9546,

4.5368.

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

39.1428, 25.9546, 4.5368

Protanopia

23.6015, 26.0293, 6.4696

Deuteranopia

26.5854, 26.1487, 3.9938



Tritanopia

40.9366, 25.9398, 12.9745

Trichromacy



Original Color

39.1428, 25.9546, 4.5368

Protanomaly

27.5266, 24.6546, 5.5935

Deuteranomaly

30.1579, 25.1495, 3.9267

Tritanomaly

39.9696, 25.7768, 8.8300

Monochromacy



Original Color

39.1428, 25.9546, 4.5368

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.4594, 21.6418, 13.7146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1428, 25.9546, 4.5368 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(237, 93, 35)` looks like.

```
.text, #text, p{  
    color:rgb(237, 93, 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(237, 93, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 93, 35) }
```

Border

The CSS property to change the border of an element to XYZ 39.1428, 25.9546, 4.5368 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(237, 93, 35) }
```


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

```
.border{ border-color:rgb(237, 93, 35) }
```

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

Here you see how a box with a 4 pixel rgb(237, 93, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 93, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 93, 35);  
box-shadow:4px 4px 4px 4px rgb(237, 93,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1428, 25.9546, 4.5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 93, 35) }
```

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

```
.background{ background-color: rgb(237, 93,  
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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