

Converting Colors

XYZ(39.6078, 25.7650, 4.8753)

Have a look what the booklet for
XYZ(39.6078, 25.7650, 4.8753)
contains.

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Color

**XYZ(39.6358, 25.8163,
4.9015)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5A28
RGB	239, 90, 40
RGB Percent	94%, 35%, 16%
CMY	0.0627, 0.6470, 0.8431
CMYK	0.00, 0.62, 0.83, 0.06
HSL	15°, 86%, 55%
HSV	15°, 83%, 94%
XYZ	39.6358, 25.8163, 4.9015
YIQ	128.8510, 104.8540, 16.0380

Conversions

Conversions Part 2

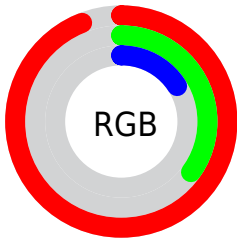
Format	Color
R _Y B	239, 107, 40
Decimal	15686184
CIE Lab	57.86, 55.18, 56.20
CIE LCh	58, 78.764, 45.525
Yxy	25.8163, 0.5634, 0.3670
Android (android.graphics.Color)	4293876264 (0xFFEF5A28)
YUV	128.8510, -43.8035, 96.6007
Hunter-Lab	50.8097, 50.3277, 29.8472

Details

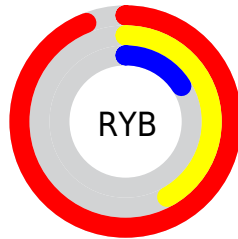
The XYZ color **39.6358, 25.8163, 4.9015** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **34.6507, 43.0745, 88.1487**, and the grayscale version is **20.9381, 22.0285, 23.9890**.

A 20% lighter version of the original color is **53.2109, 42.2490, 15.0232**, and **18.1435, 10.0425, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **38.0155, 23.0380, 2.9374**, and if you desaturate by 10%, it is **41.8714, 29.4245, 8.3085**.

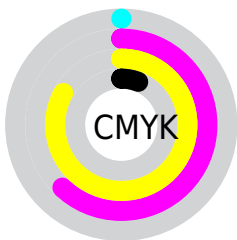
Distribution



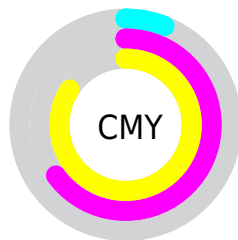
- Red (94%)
- Green (35%)
- Blue (16%)



- Red (94%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (62%)
- Yellow (83%)
- Black (6%)





- Cyan (6%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6358, 25.8163, 4.9015 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 39.6358, 25.8163, 4.9015 by changing the saturation by 10% instead.


 39.6358, 25.8163,
4.9015


 39.6358, 25.8163,
4.9015

335.7469,
281.8791, 157.7728

 27.4376, 16.6863,
2.1319


 73.8965, 52.9784,
16.0406


 18.0405, 10.0111,
0.6346


 96.6897, 71.7793,
25.2472


 11.0789, 5.4063,
0.0000


 123.7453, 94.5726,
37.4365

 6.1876, 2.4876,
0.0000

 155.4287,
121.7428, 53.0271

 3.0012, 0.8704,
0.0000

 192.1052,
153.6741, 72.4374

 1.1544, 0.0000,
0.0000

 234.1402,

 0.0699, 0.0000,

190.7510, 96.0862

0.0000

281.8990,
233.3579, 124.3918

■ 0.0000, 0.0000,
0.0000

■ 39.6358, 25.8163,
4.9015

■ 39.6358, 25.8163,
4.9015

■ 38.0155, 23.0380,
2.9374

■ 41.8714, 29.4245,
8.3085

■ 37.2154, 21.5886,
2.2056

■ 44.7846, 33.9219,
13.3767

■ 48.4310, 39.3670,
20.2883

■ 52.8594, 45.8117,
29.2009

■ 58.1143, 53.3039,
40.2552

64.2365, 61.8884,
53.5791

71.2642, 71.6073,
69.2903

79.2330, 82.5004,
87.4985

88.1606, 94.5991,
108.2206

Harmonies

Analogous

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



46.5997, 25.8163, 16.3330



39.6358, 25.8163, 4.9015



29.3771, 25.8163, 1.8145

Triad

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



39.6358, 25.8163, 4.9015



10.7909, 25.8163, 16.9842



29.7420, 25.8163, 114.2589

Complementary

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



39.6358, 25.8163, 4.9015



34.6507, 43.0745, 88.1487

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.



20.2612, 25.8163, 114.8900



39.6358, 25.8163, 4.9015



10.8409, 25.8163, 44.5081

Square

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



39.6358, 25.8163, 4.9015



13.7017, 25.8163, 5.1154



13.8623, 25.8163, 84.1668



39.9615, 25.8163, 82.7708

Rectangle

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



39.6358, 25.8163, 4.9015



22.8257, 25.8163, 1.5964



13.8623, 25.8163, 84.1668



26.3331, 25.8163, 118.5410

Sweetspot

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



39.6364, 25.8178, 4.9019



73.0499, 69.7894, 59.0551



45.5676, 23.5533, 50.4310



15.0895, 14.1736, 11.4468



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.



39.6364, 25.8178, 4.9019



43.0780, 24.9360, 2.5427



54.2308, 55.0066, 9.7667



16.0955, 16.4042, 16.4677



20.6539, 12.1059, 1.2481



1.7948, 1.1604, 0.1294

Inverse Universe

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



34.6507, 43.0745, 88.1487



36.6630, 44.4461, 101.2543



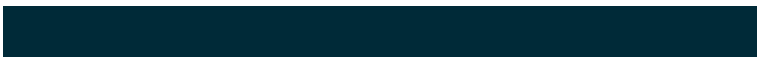
20.0902, 13.9535, 83.2952



15.8914, 17.2170, 20.2073



17.6212, 21.4667, 48.3426



1.5443, 1.9426, 4.0478

Previews

White Background



This preview shows how the XYZ color 39.6358, 25.8163, 4.9015 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 39.6358, 25.8163, 4.9015 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 39.6358, 25.8163, 4.9015

Background



This preview shows how black text looks on a background with the XYZ color 39.6358, 25.8163, 4.9015.



This preview shows how white text looks on a background with the XYZ color 39.6358, 25.8163,

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

39.6358, 25.8163, 4.9015

Protanopia

23.7310, 26.0811, 7.1516

Deuteranopia

26.3104, 25.7945, 4.4027



Tritanopia

41.3696, 25.9360, 12.4986

Trichromacy



Original Color

39.6358, 25.8163, 4.9015

Protanomaly

27.7427, 24.5716, 6.0769

Deuteranomaly

30.1362, 24.9534, 4.3905

Tritanomaly

40.5131, 25.8095, 8.9774

Monochromacy



Original Color

39.6358, 25.8163, 4.9015

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.6506, 21.5596, 14.1714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6358, 25.8163, 4.9015 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(239, 90, 40)` looks like.

```
.text, #text, p{  
    color:rgb(239, 90, 40)  
}
```

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(239, 90, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 90, 40) }
```

Border

The CSS property to change the border of an element to XYZ 39.6358, 25.8163, 4.9015 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(239, 90, 40) }
```


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

```
.border{ border-color:rgb(239, 90, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 90, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 90, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 90, 40);  
box-shadow:4px 4px 4px 4px rgb(239, 90,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6358, 25.8163, 4.9015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 90, 40) }
```

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

```
.background{ background-color: rgb(239, 90,  
40) }
```

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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