

Converting Colors

XYZ(38.8485, 26.6379, 8.0565)

Have a look what the booklet for
XYZ(38.8485, 26.6379, 8.0565)
contains.

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Color

**XYZ(38.7900, 26.6518,
8.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	E86441
RGB	232, 100, 65
RGB Percent	91%, 39%, 25%
CMY	0.0902, 0.6078, 0.7451
CMYK	0.00, 0.57, 0.72, 0.09
HSL	13°, 78%, 58%
HSV	13°, 72%, 91%
XYZ	38.7900, 26.6518, 8.1009
YIQ	135.4780, 89.9070, 17.0990

Conversions

Conversions Part 2

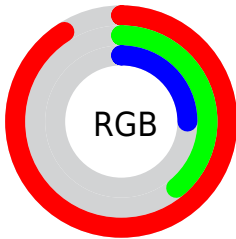
Format	Color
R _Y B	232, 109, 65
Decimal	15230017
CIE Lab	58.65, 49.11, 44.59
CIE LCh	59, 66.331, 42.240
Yxy	26.6518, 0.5274, 0.3624
Android (android.graphics.Color)	4293420097 (0xFFE86441)
YUV	135.4780, -34.7457, 84.6498
Hunter-Lab	51.6254, 43.7759, 26.8342

Details

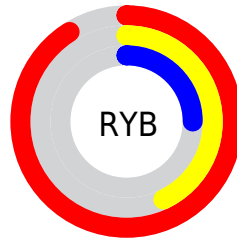
The XYZ color **38.7900, 26.6518, 8.1009** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **36.7099, 46.8790, 83.4571**, and the grayscale version is **23.3098, 24.5237, 26.7063**.

A 20% lighter version of the original color is **55.8329, 45.5861, 21.7759**, and **17.6637, 10.5437, 1.6764** is the 20% darker color. If you saturate the color by 10%, you get **36.6854, 23.3066, 4.7370**, and if you desaturate by 10%, it is **41.5674, 30.9019, 13.0501**.

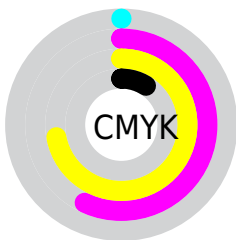
Distribution



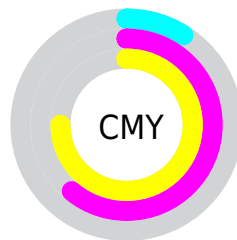
- Red (91%)
- Green (39%)
- Blue (25%)



- Red (91%)
- Yellow (43%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (72%)
- Black (9%)





- Cyan (9%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7900, 26.6518, 8.1009 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 38.7900, 26.6518, 8.1009 by changing the saturation by 10% instead.


 38.7900, 26.6518,
8.1009


 38.7900, 26.6518,
8.1009


332.2194,
285.9672, 186.4853


 26.7764, 17.3119,
4.0709


 72.6135, 54.3246,
22.7054


 17.5411, 10.4571,
1.6643


 95.1542, 73.4263,
34.1170

 10.7187, 5.7031,
0.3361


 121.9345, 96.5507,
48.8263

 5.9439, 2.6654,
0.0000

 153.3199,
124.0822, 67.2516

 2.8513, 0.9596,
0.0000

 189.6757,
156.4052, 89.8117

 1.0756, 0.0000,
0.0000

231.3674,

 0.0046, 0.0000,

193.9041, 116.9249

0.0000

278.7601,
236.9633, 149.0100

■ 0.0000, 0.0000,
0.0000

■ 38.7900, 26.6518,
8.1009

■ 38.7900, 26.6518,
8.1009

■ 36.6854, 23.3066,
4.7370

■ 41.5674, 30.9019,
13.0501

■ 35.1887, 20.7936,
2.7573


■ 45.0703, 36.1132,
19.7501


■ 34.3615, 19.3217,
1.9184

■ 49.3480, 42.3425,
28.3467


■ 54.4446, 49.6409,
38.9702

■ 60.4010, 58.0559,
51.7390

 67.2552, 67.6320,
66.7627

 75.0429, 78.4116,
84.1432

 83.7977, 90.4346,
103.9762

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



43.9331, 26.6518, 20.5088



38.7900, 26.6518, 8.1009



30.4172, 26.6518, 3.8313

Triad

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



38.7900, 26.6518, 8.1009



13.1496, 26.6518, 17.3723



28.8003, 26.6518, 98.6563

Complementary

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



38.7900, 26.6518, 8.1009



36.7099, 46.8790, 83.4571

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.



20.8473, 26.6518, 96.1492



38.7900, 26.6518, 8.1009



12.8990, 26.6518, 39.6082

Square

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



38.7900, 26.6518, 8.1009



16.1925, 26.6518, 6.8646



15.4136, 26.6518, 70.8357



37.3898, 26.6518, 76.5207

Rectangle

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



38.7900, 26.6518, 8.1009



24.7244, 26.6518, 3.3113



15.4136, 26.6518, 70.8357



25.9490, 26.6518, 100.9015

Sweetspot

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



38.7906, 26.6533, 8.1013



74.7471, 71.7986, 63.8909



45.4312, 25.0414, 56.2284



15.5460, 14.7305, 12.6961



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.



38.7906, 26.6533, 8.1013



44.5464, 27.3706, 4.5803



50.9401, 50.9522, 12.1512



14.6206, 14.8550, 15.0012



19.1497, 10.8735, 1.0895



1.4814, 0.9361, 0.1026

Inverse Universe

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



36.7099, 46.8790, 83.4571



41.5748, 53.2050, 102.6861



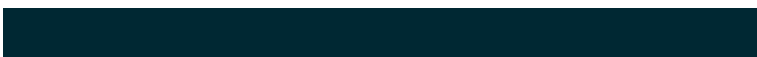
22.8877, 19.2345, 78.8497



14.5375, 15.7964, 18.4271



17.6232, 22.3084, 45.7603



1.3668, 1.7775, 3.4030

Previews

White Background



This preview shows how the XYZ color 38.7900, 26.6518, 8.1009 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 38.7900, 26.6518, 8.1009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

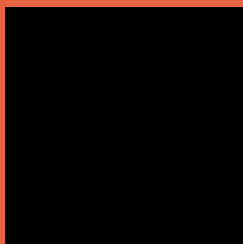
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.7900, 26.6518, 8.1009

Background



This preview shows how black text looks on a background with the XYZ color 38.7900, 26.6518, 8.1009.



This preview shows how white text looks on a background with the XYZ color 38.7900, 26.6518,

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

38.7900, 26.6518, 8.1009

Protanopia

24.7584, 26.9640, 11.1074

Deuteranopia

27.3070, 26.8535, 7.6149



Tritanopia

40.4222, 26.6362, 15.5812

Trichromacy



Original Color

38.7900, 26.6518, 8.1009

Protanomaly

28.5591, 25.8501, 9.7877

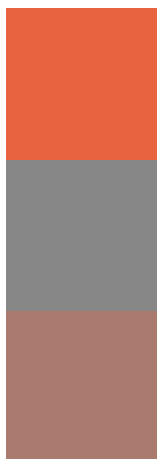
Deuteranomaly

30.5401, 25.9811, 7.6802

Tritanomaly

39.6821, 26.5943, 12.4929

Monochromacy



Original Color

38.7900, 26.6518, 8.1009

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.3516, 23.5909, 17.9165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7900, 26.6518, 8.1009 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(232, 100, 65)` looks like.

```
.text, #text, p{  
    color:rgb(232, 100, 65)  
}
```

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(232, 100, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 100, 65) }
```

Border

The CSS property to change the border of an element to XYZ 38.7900, 26.6518, 8.1009 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(232, 100, 65) }
```


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

```
.border{ border-color:rgb(232, 100, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 100, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 100, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 100, 65);  
box-shadow:4px 4px 4px 4px rgb(232, 100,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7900, 26.6518, 8.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 100, 65) }
```

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

```
.background{ background-color: rgb(232,  
100, 65) }
```

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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