

Converting Colors

XYZ(38.2644, 26.7158, 4.8276)

Have a look what the booklet for
XYZ(38.2644, 26.7158, 4.8276)
contains.

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Color

**XYZ(38.3485, 26.7859,
4.8181)**

Conversions

Conversions Part 1

Format	Color
Hex	E86624
RGB	232, 102, 36
RGB Percent	91%, 40%, 14%
CMY	0.0902, 0.6000, 0.8588
CMYK	0.00, 0.56, 0.84, 0.09
HSL	20°, 81%, 53%
HSV	20°, 84%, 91%
XYZ	38.3485, 26.7859, 4.8181
YIQ	133.3460, 98.6660, 7.0340

Conversions

Conversions Part 2

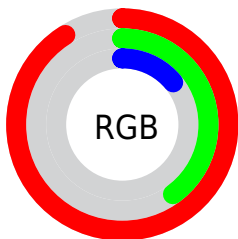
Format	Color
R_{YB}	232, 136, 36
Decimal	15230500
CIE Lab	58.78, 47.16, 58.18
CIE LCh	59, 74.893, 50.976
Yxy	26.7859, 0.5482, 0.3829
Android (android.graphics.Color)	4293420580 (0xFFE86624)
YUV	133.3460, -47.9916, 86.5196
Hunter-Lab	51.7551, 41.6901, 30.7090

Details

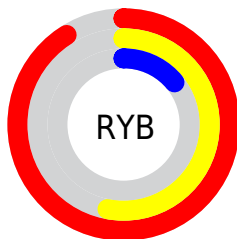
The XYZ color **38.3485, 26.7859, 4.8181** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **28.9281, 33.4714, 81.2793**, and the grayscale version is **22.5661, 23.7413, 25.8542**.

A 20% lighter version of the original color is **54.8488, 45.7251, 14.9518**, and **17.4605, 10.6316, 1.1318** is the 20% darker color. If you saturate the color by 10%, you get **36.7274, 23.9394, 3.0592**, and if you desaturate by 10%, it is **40.4805, 30.2884, 7.8780**.

Distribution



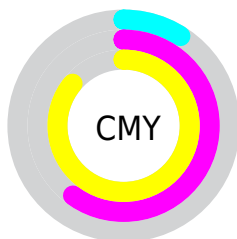
- Red (91%)
- Green (40%)
- Blue (14%)



- Red (91%)
- Yellow (53%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (84%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3485, 26.7859, 4.8181 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 38.3485, 26.7859, 4.8181 by changing the saturation by 10% instead.


 38.3485, 26.7859,
4.8181


 38.3485, 26.7859,
4.8181


330.3677,
286.6190, 156.9256


 26.4317, 17.4125,
2.0841


 71.9424, 54.5401,
15.8565


 17.2813, 10.5290,
0.6063


 94.3503, 73.6897,
24.9979

 10.5318, 5.7511,
0.0000


 120.9859, 96.8668,
37.1121

 5.8179, 2.6943,
0.0000

 152.2147,
124.4559, 52.6178

 2.7743, 0.9743,
0.0000

 188.4018,
156.8412, 71.9335

 1.0355, 0.0000,
0.0000

 229.9128,

 0.0000, 0.0000,

194.4072, 95.4776

0.0000

277.1130,
237.5384, 123.6688

■ 38.3485, 26.7859,
4.8181

■ 38.3485, 26.7859,
4.8181

■ 36.7274, 23.9394,
3.0592

■ 40.4805, 30.2884,
7.8780

■ 36.0121, 22.6229,
2.4686

■ 43.1745, 34.4864,
12.4442

■ 46.4757, 39.4209,
18.6870

■ 50.4239, 45.1276,
26.7529

■ 55.0547, 51.6400,
36.7725

60.4014, 58.9892,
48.8642

66.4946, 67.2048,
63.1367

73.3631, 76.3146,
79.6914

81.0343, 86.3454,
98.6231

Harmonies

Analogous

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



45.8860, 26.7859, 14.4918



38.3485, 26.7859, 4.8181



28.3456, 26.7859, 2.2592

Triad

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



38.3485, 26.7859, 4.8181



11.6462, 26.7859, 21.8973



32.3554, 26.7859, 107.0212

Complementary

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



38.3485, 26.7859, 4.8181



28.9281, 33.4714, 81.2793

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.



22.7757, 26.7859, 113.6708



38.3485, 26.7859, 4.8181



12.2233, 26.7859, 51.4060

Square

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



38.3485, 26.7859, 4.8181



14.0107, 26.7859, 7.4406



15.8398, 26.7859, 89.1530



41.8855, 26.7859, 74.3017

Rectangle

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



38.3485, 26.7859, 4.8181



22.2275, 26.7859, 2.3142



15.8398, 26.7859, 89.1530



28.9899, 26.7859, 112.9279

Sweetspot

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



38.3491, 26.7874, 4.8185



74.3951, 72.4799, 59.5036



40.8537, 21.1953, 38.3359



15.4050, 14.8046, 11.5520



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.



38.3491, 26.7874, 4.8185



44.5579, 27.8958, 3.0360



54.0971, 58.2833, 10.0679



14.7717, 15.1572, 15.0515



20.0968, 12.7678, 1.4052



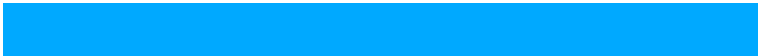
1.5684, 1.1102, 0.1316

Inverse Universe

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



28.9281, 33.4714, 81.2793



32.2610, 35.6421, 99.7870



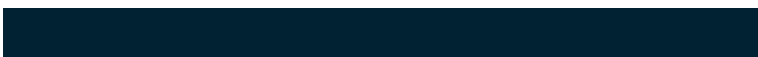
17.4008, 10.4169, 77.4368



14.3772, 15.4758, 18.3737



14.6103, 16.2826, 44.7560



1.1646, 1.3731, 3.3356

Previews

White Background



This preview shows how the XYZ color 38.3485, 26.7859, 4.8181 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 38.3485, 26.7859, 4.8181 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 38.3485, 26.7859, 4.8181

Background



This preview shows how black text looks on a background with the XYZ color 38.3485, 26.7859, 4.8181.



This preview shows how white text looks on a background with the XYZ color 38.3485, 26.7859,

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

38.3485, 26.7859, 4.8181

Protanopia

24.4642, 26.9142, 6.4903

Deuteranopia

27.3719, 26.9587, 4.3770



Tritanopia

40.5128, 26.8175, 15.6114

Trichromacy



Original Color

38.3485, 26.7859, 4.8181

Protanomaly

28.2570, 25.7850, 5.6782

Deuteranomaly

30.5471, 26.2419, 4.3749

Tritanomaly

39.3471, 26.6091, 10.2700

Monochromacy



Original Color

38.3485, 26.7859, 4.8181

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.5263, 23.2359, 14.6949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3485, 26.7859, 4.8181 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, 102, 36)` looks like.

```
.text, #text, p{  
    color:rgb(232, 102, 36)  
}
```

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, 102, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 102, 36) }
```

Border

The CSS property to change the border of an element to XYZ 38.3485, 26.7859, 4.8181 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, 102, 36) }
```


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

```
.border{ border-color:rgb(232, 102, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 102, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 102, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 102, 36);  
box-shadow:4px 4px 4px 4px rgb(232, 102,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3485, 26.7859, 4.8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 102, 36) }
```

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

```
.background{ background-color: rgb(232,  
102, 36) }
```

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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