

Converting Colors

XYZ(38.4938, 27.6727, 11.8388)

Have a look what the booklet for
XYZ(38.4938, 27.6727, 11.8388)
contains.

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Color

**XYZ(38.3663, 27.5498,
11.8898)**

Conversions

Conversions Part 1

Format	Color
Hex	E26C55
RGB	226, 108, 85
RGB Percent	89%, 42%, 33%
CMY	0.1137, 0.5764, 0.6667
CMYK	0.00, 0.52, 0.62, 0.11
HSL	10°, 71%, 61%
HSV	10°, 62%, 89%
XYZ	38.3663, 27.5498, 11.8898
YIQ	140.6600, 77.7110, 17.8630

Conversions

Conversions Part 2

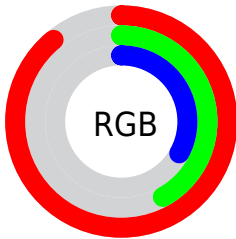
Format	Color
RYB	226, 112, 85
Decimal	14838869
CIELab	59.48, 44.18, 34.54
CIELCh	59, 56.079, 38.022
Yxy	27.5498, 0.4931, 0.3541
Android (android.graphics.Color)	4293028949 (0xFFE26C55)
YUV	140.6600, -27.4404, 74.8432
Hunter-Lab	52.4879, 38.6217, 23.3109

Details

The XYZ color **38.3663, 27.5498, 11.8898** 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 **38.8280, 50.1307, 79.5808**, and the grayscale version is **25.2679, 26.5838, 28.9498**.

A 20% lighter version of the original color is **58.5335, 48.8499, 29.2656**, and **17.2974, 10.9742, 3.1260** is the 20% darker color. If you saturate the color by 10%, you get **35.8247, 23.6815, 7.2981**, and if you desaturate by 10%, it is **41.6285, 32.4010, 18.1362**.

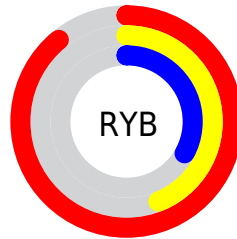
Distribution



Red (89%)

Green (42%)

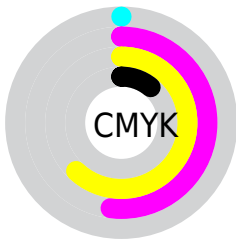
Blue (33%)



Red (89%)

Yellow (44%)

Blue (33%)

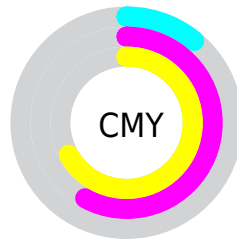


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3663, 27.5498, 11.8898 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 38.3663, 27.5498, 11.8898 by changing the saturation by 10% instead.


 38.3663, 27.5498,
11.8898


 38.3663, 27.5498,
11.8898


330.4424,
290.3094, 214.6263


 26.4456, 17.9866,
6.5471


 71.9695, 55.7649,
29.9556

 17.2917, 10.9403,
3.1064

 94.3828, 75.1855,
43.5158


 10.5393, 6.0267,
1.1492


 121.0242, 98.6607,
60.6522

 5.8230, 2.8613,
0.0000

 152.2593,
126.5749, 81.7833

 2.7774, 1.0598,
0.0000

 188.4533,
159.3125, 107.3278

 1.0371, 0.0000,
0.0000

229.9716,

 0.0000, 0.0000,

197.2578, 137.7041

0.0000

277.1795,
240.7953, 173.3307

■ 38.3663, 27.5498,
11.8898

■ 38.3663, 27.5498,
11.8898

■ 35.8247, 23.6815,
7.2981

■ 41.6285, 32.4010,
18.1362

■ 33.9451, 20.7238,
4.2008

■ 45.6597, 38.2919,
26.1744

■ 32.6623, 18.6011,
2.4075

■ 50.5063, 45.2802,
36.1287

■ 32.0216, 17.4841,
1.6870

■ 56.2104, 53.4182,
48.1122

■ 62.8113, 62.7546,
62.2288

70.3456, 73.3354,
78.5754

78.8480, 85.2041,
97.2431

85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



42.0122, 27.5498, 24.9044



38.3663, 27.5498, 11.8898



31.5869, 27.5498, 6.4921

Triad

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



38.3663, 27.5498, 11.8898



15.5288, 27.5498, 17.6985



28.1206, 27.5498, 87.1132

Complementary

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



38.3663, 27.5498, 11.8898



38.8280, 50.1307, 79.5808

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.



21.4375, 27.5498, 82.2426



38.3663, 27.5498, 11.8898



14.9354, 27.5498, 35.7406

Square

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



38.3663, 27.5498, 11.8898



18.6990, 27.5498, 8.6447



16.9011, 27.5498, 60.7848



35.4426, 27.5498, 72.0908

Rectangle

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



38.3663, 27.5498, 11.8898



26.6555, 27.5498, 5.5357



16.9011, 27.5498, 60.7848



25.7206, 27.5498, 87.8405

Sweetspot

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



38.3670, 27.5513, 11.8903



76.6096, 74.0671, 69.0021



45.6137, 27.0663, 60.4827



15.8862, 15.1282, 13.6814



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.



38.3670, 27.5513, 11.8903



46.2466, 29.8039, 8.1285



48.6567, 48.1307, 15.3202



13.8870, 14.0600, 14.2887



18.3255, 10.0889, 0.9815



1.3261, 0.8110, 0.0866

Inverse Universe

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



38.8280, 50.1307, 79.5808



46.7484, 61.5021, 104.0149



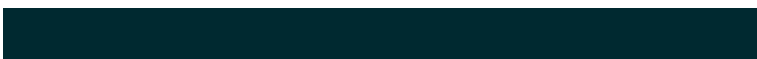
26.0474, 24.5695, 75.3206



13.9162, 15.1716, 17.5826



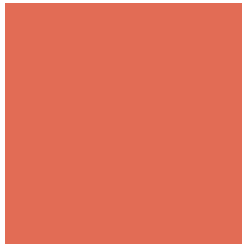
18.3026, 24.0748, 44.7306



1.3201, 1.7717, 3.1176

Previews

White Background



This preview shows how the XYZ color 38.3663, 27.5498, 11.8898 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 38.3663, 27.5498, 11.8898 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 38.3663, 27.5498, 11.8898

Background



This preview shows how black text looks on a background with the XYZ color 38.3663, 27.5498, 11.8898.



This preview shows how white text looks on a background with the XYZ color 38.3663, 27.5498,

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

38.3663, 27.5498, 11.8898

Protanopia

25.7430, 27.8159, 15.8166

Deuteranopia

28.2614, 27.6859, 11.2515



Tritanopia

39.8699, 27.5645, 18.5483

Trichromacy



Original Color

38.3663, 27.5498, 11.8898

Protanomaly

29.1927, 26.8645, 14.2364

Deuteranomaly

31.1942, 26.9851, 11.3491

Tritanomaly

39.1284, 27.3934, 15.7955

Monochromacy



Original Color

38.3663, 27.5498, 11.8898

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.3147, 25.8516, 21.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3663, 27.5498, 11.8898 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(226, 108, 85)` looks like.

```
.text, #text, p{  
    color:rgb(226, 108, 85)  
}
```

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(226, 108, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 108, 85) }
```

Border

The CSS property to change the border of an element to XYZ 38.3663, 27.5498, 11.8898 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(226, 108, 85) }
```


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

```
.border{ border-color:rgb(226, 108, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 108, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 108, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 108, 85);  
box-shadow:4px 4px 4px 4px rgb(226, 108,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3663, 27.5498, 11.8898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 108, 85) }
```

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

```
.background{ background-color: rgb(226,  
108, 85) }
```

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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