

Converting Colors

XYZ(61.5775, 67.0633, 26.8386)

Have a look what the booklet for
XYZ(61.5775, 67.0633, 26.8386)
contains.

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Color

**XYZ(61.5775, 67.0633,
26.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD676
RGB	235, 214, 118
RGB Percent	92%, 84%, 46%
CMY	0.0784, 0.1608, 0.5372
CMYK	0.00, 0.09, 0.50, 0.08
HSL	49°, 75%, 69%
HSV	49°, 50%, 92%
XYZ	61.5775, 67.0633, 26.8386
YIQ	209.3350, 43.3320, -25.4040

Conversions

Conversions Part 2

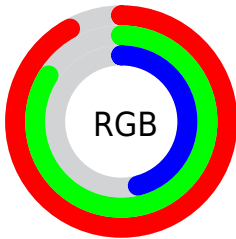
Format	Color
RYB	144, 235, 118
Decimal	15455862
CIELab	85.54, -5.01, 49.66
CIElCh	86, 49.914, 95.761
Yxy	67.0633, 0.3960, 0.4313
Android (android.graphics.Color)	4293645942 (0xFFEBD676)
YUV	209.3350, -45.0282, 22.5082
Hunter-Lab	81.8922, -9.0911, 37.8934

Details

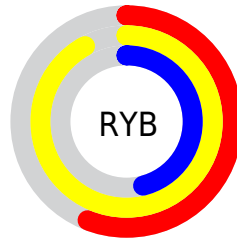
The XYZ color **61.5775, 67.0633, 26.8386** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.6990, 28.3140, 82.3913**, and the grayscale version is **61.0898, 64.2712, 69.9914**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **31.6856, 34.8821, 10.2172** is the 20% darker color. If you saturate the color by 10%, you get **59.2985, 64.4686, 20.0267**, and if you desaturate by 10%, it is **64.2353, 69.8587, 35.4944**.

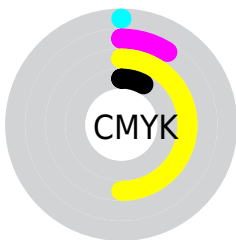
Distribution



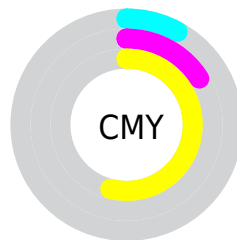
- Red (92%)
- Green (84%)
- Blue (46%)



- Red (56%)
- Yellow (92%)
- Blue (46%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5775, 67.0633, 26.8386 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 61.5775, 67.0633, 26.8386 by changing the saturation by 10% instead.

61.5775, 67.0633,
26.8386

61.5775, 67.0633,
26.8386

420.1304,
450.1701, 300.6102

44.9457, 49.1361,
17.2207

106.2081,
115.0111, 55.6254

31.6158, 34.7274,
10.2283

134.9375,
145.8005, 75.6313

21.2223, 23.4530,
5.4430

168.4303,
181.6460, 99.9369

13.4000, 14.9283,
2.4462

207.0516,
222.9321, 128.9608

7.7834, 8.7691,
0.8115

251.1670,
270.0432, 163.1216

4.0073, 4.5909,
0.0000

301.1416,

1.7063, 2.0093,

323.3636, 202.8377

0.0000

357.3410,
383.2778, 248.5277

■ 0.4602, 0.6129,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5775, 67.0633,
26.8386

■ 61.5775, 67.0633,
26.8386

■ 59.2985, 64.4686,
20.0267

■ 64.2353, 69.8587,
35.4944

■ 57.3668, 62.0542,
14.9158


■ 67.2908, 72.8552,
46.1145


■ 55.7538, 59.8109,
11.3489


■ 70.7674, 76.0650,
58.8137


■ 54.4236, 57.7239,
9.1377


■ 74.6852, 79.4965,
73.6971


 53.3164, 55.7689,
7.9688


 79.0630, 83.1574,
90.8624

 53.2937, 55.7279,
7.9477

 83.2671, 86.7947,
106.9722

 84.5182, 89.2969,
107.3892

 85.7983, 91.8571,
107.8159

 87.1076, 94.4757,
108.2523

Harmonies

Analogous

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



73.1211, 67.0633, 29.5912



61.5775, 67.0633, 26.8386



51.8270, 67.0633, 33.1590

Triad

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



61.5775, 67.0633, 26.8386



47.6317, 67.0633, 115.9421



85.7678, 67.0633, 101.7818

Complementary

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



61.5775, 67.0633, 26.8386



31.6990, 28.3140, 82.3913

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.



77.3553, 67.0633, 136.3351



61.5775, 67.0633, 26.8386



55.2007, 67.0633, 146.0640

Square

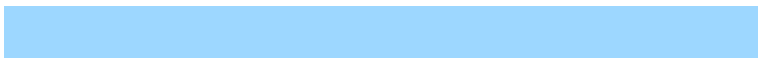
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5775, 67.0633, 26.8386



44.4118, 67.0633, 79.4712



65.9559, 67.0633, 154.4610



87.9960, 67.0633, 66.9288

Rectangle

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



61.5775, 67.0633, 26.8386



47.3586, 67.0633, 43.2140



65.9559, 67.0633, 154.4610



83.5245, 67.0633, 114.1026

Sweetspot

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



61.5791, 67.0664, 26.8400



87.3413, 93.4756, 78.9145



45.4329, 32.4969, 28.4777



18.4842, 19.8221, 16.0955



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.



61.5791, 67.0664, 26.8400



71.2570, 77.4569, 23.7654



56.2541, 72.7235, 28.2126



16.1087, 17.1404, 15.9781



29.7463, 31.1867, 4.4518



2.3958, 2.5689, 0.3696

Inverse Universe

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



31.6990, 28.3140, 82.3913



31.4396, 25.8651, 97.9431



35.0016, 25.9294, 81.7570



14.4498, 14.9860, 19.0532



8.8753, 4.3977, 44.1240



0.7596, 0.4707, 3.4857

Previews

White Background



This preview shows how the XYZ color 61.5775, 67.0633, 26.8386 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 61.5775, 67.0633, 26.8386 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 ✓ Pass

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

XYZ 61.5775, 67.0633, 26.8386

Background



This preview shows how black text looks on a background with the XYZ color 61.5775, 67.0633, 26.8386.



This preview shows how white text looks on a background with the XYZ color 61.5775, 67.0633,

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

61.5775, 67.0633, 26.8386

Protanopia

61.5775, 67.0633, 26.8386

Deuteranopia

67.6588, 66.7576, 33.3643



Tritanopia

71.4316, 66.7155, 75.4422

Trichromacy



Original Color

61.5775, 67.0633, 26.8386

Protanomaly

61.5775, 67.0633, 26.8386

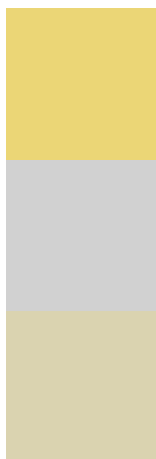
Deuteranomaly

65.3640, 66.7069, 30.9034

Tritanomaly

66.7904, 66.2208, 53.5176

Monochromacy



Original Color

61.5775, 67.0633, 26.8386

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0442, 64.6285, 50.3842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5775, 67.0633, 26.8386 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(235, 214, 118)` looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 118)  
}
```

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(235, 214, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 118) }
```

Border

The CSS property to change the border of an element to XYZ 61.5775, 67.0633, 26.8386 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(235, 214, 118) }
```


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

```
.border{ border-color:rgb(235, 214, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 118);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5775, 67.0633, 26.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 118) }
```

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

```
.background{ background-color: rgb(235,  
214, 118) }
```

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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