

Converting Colors

XYZ(60.6887, 57.7828, 24.9589)

Have a look what the booklet for
XYZ(60.6887, 57.7828, 24.9589)
contains.

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Color

**XYZ(60.8920, 58.0272,
25.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	FABD76
RGB	250, 189, 118
RGB Percent	98%, 74%, 46%
CMY	0.0196, 0.2588, 0.5372
CMYK	0.00, 0.24, 0.53, 0.02
HSL	32°, 93%, 72%
HSV	32°, 53%, 98%
XYZ	60.8920, 58.0272, 25.1306
YIQ	199.1450, 59.1470, -9.1490

Conversions

Conversions Part 2

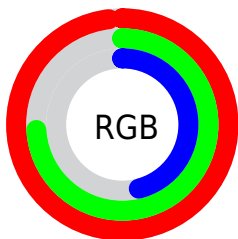
Format	Color
R _Y B	231, 250, 118
Decimal	16432502
CIE Lab	80.75, 13.99, 44.14
CIE LCh	81, 46.300, 72.412
Yxy	58.0272, 0.4227, 0.4028
Android (android.graphics.Color)	4294622582 (0xFF FABD76)
YUV	199.1450, -40.0045, 44.5998
Hunter-Lab	76.1756, 9.3791, 33.7629

Details

The XYZ color **60.8920, 58.0272, 25.1306** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.8460, 42.9922, 96.5878**, and the grayscale version is **54.5881, 57.4309, 62.5422**.

A 20% lighter version of the original color is **81.2431, 89.5051, 51.5223**, and **31.3334, 29.1020, 9.4346** is the 20% darker color. If you saturate the color by 10%, you get **57.2122, 52.7385, 17.5206**, and if you desaturate by 10%, it is **65.1662, 63.8749, 34.8820**.

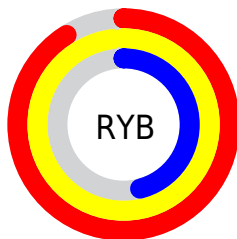
Distribution



Red (98%)

Green (74%)

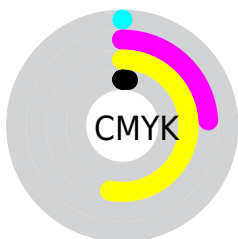
Blue (46%)



Red (91%)

Yellow (98%)

Blue (46%)

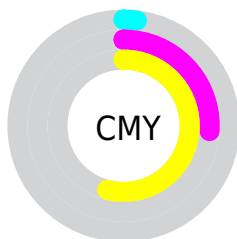


Cyan (0%)

Magenta (24%)

Yellow (53%)

Black (2%)



Cyan (2%)


Magenta (26%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8920, 58.0272, 25.1306 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 60.8920, 58.0272, 25.1306 by changing the saturation by 10% instead.


 60.8920, 58.0272,
25.1306

 60.8920, 58.0272,
25.1306


417.6601,
417.2873, 291.9562

 44.3902, 41.8305,
15.9545


 105.2215,
101.9625, 52.8358

 31.1766, 28.9686,
9.3379


 133.7800,
130.4698, 72.2019

 20.8859, 19.0571,
4.8624


 167.0881,
163.8496, 95.8017

 13.1526, 11.7115,
2.1095

205.5112,
202.4860, 124.0539

 7.6114, 6.5476,
0.6214

249.4145,
246.7636, 157.3769

 3.8970, 3.1808,
0.0000

299.1636,

 1.6440, 1.2268,

297.0668, 196.1892

0.0000

355.1237,
353.7799, 240.9095

■ 0.4209, 0.0835,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8920, 58.0272,
25.1306

■ 60.8920, 58.0272,
25.1306

■ 57.2122, 52.7385,
17.5206

■ 65.1662, 63.8749,
34.8820

■ 54.0862, 47.9784,
11.8793


■ 70.0634, 70.2934,
46.9221


■ 51.4739, 43.7255,
8.0126


■ 75.6151, 77.3043,
61.3892

■ 49.3257, 39.9522,
5.6842

■ 81.8492, 84.9255,
78.4095

 48.0159, 37.5072,
4.7089

 88.7916, 93.1738,
98.1002

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



69.8575, 58.0272, 33.9271



60.8920, 58.0272, 25.1306



51.2982, 58.0272, 24.4715

Triad

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



60.8920, 58.0272, 25.1306



39.0879, 58.0272, 75.1777



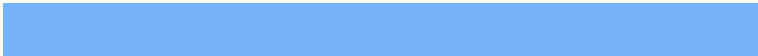
68.4934, 58.0272, 110.5263

Complementary

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



60.8920, 58.0272, 25.1306



40.8460, 42.9922, 96.5878

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.



59.1965, 58.0272, 129.7460



60.8920, 58.0272, 25.1306



42.6721, 58.0272, 105.7208

Square

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



60.8920, 58.0272, 25.1306



39.4302, 58.0272, 48.5812



49.7866, 58.0272, 127.7697



74.5824, 58.0272, 80.4487

Rectangle

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



60.8920, 58.0272, 25.1306



45.8813, 58.0272, 28.3626



49.7866, 58.0272, 127.7697



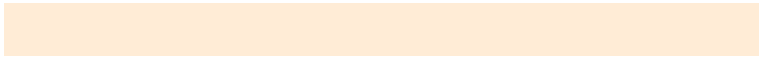
65.5968, 58.0272, 118.8138

Sweetspot

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



60.8934, 58.0300, 25.1317



83.4410, 86.2010, 75.9930



54.1006, 36.5604, 47.1727



17.5698, 18.0968, 15.4715



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.



60.8934, 58.0300, 25.1317



59.7527, 55.0276, 18.1443



75.3215, 89.1996, 30.3876



18.0180, 18.7719, 18.1361



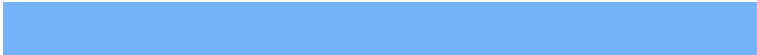
25.6149, 20.1864, 2.5463



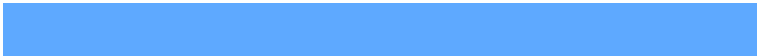
2.4785, 2.0818, 0.2712

Inverse Universe

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



40.8460, 42.9922, 96.5878



36.8126, 37.8392, 99.9712



31.8171, 24.0265, 93.4029



16.9440, 17.9649, 21.9598



12.5767, 10.5090, 49.3391



1.2696, 1.1829, 4.6046

Previews

White Background



This preview shows how the XYZ color 60.8920, 58.0272, 25.1306 looks on a white background.

Color Contrast Check

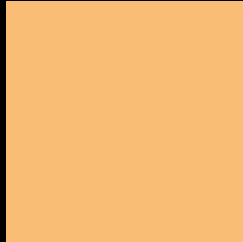
Large Text (above 18pt) WCAG AA × Fail

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 60.8920, 58.0272, 25.1306 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 60.8920, 58.0272, 25.1306

Background



This preview shows how black text looks on a background with the XYZ color 60.8920, 58.0272, 25.1306.



This preview shows how white text looks on a background with the XYZ color 60.8920, 58.0272,

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

60.8920, 58.0272, 25.1306

Protanopia

53.6129, 58.2385, 26.8278

Deuteranopia

59.3687, 58.2167, 24.9375



Tritanopia

67.2989, 57.7976, 58.6479

Trichromacy



Original Color

60.8920, 58.0272, 25.1306

Protanomaly

56.0506, 58.1360, 26.3563

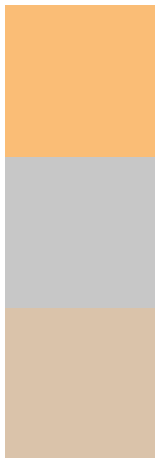
Deuteranomaly

59.8477, 58.1388, 24.8972

Tritanomaly

64.3244, 57.5028, 43.7853

Monochromacy



Original Color

60.8920, 58.0272, 25.1306

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6842, 56.8379, 46.0662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8920, 58.0272, 25.1306 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(250, 189, 118)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 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(250, 189, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 118) }
```

Border

The CSS property to change the border of an element to XYZ 60.8920, 58.0272, 25.1306 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(250, 189, 118) }
```


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

```
.border{ border-color:rgb(250, 189, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 118);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8920, 58.0272, 25.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 118) }
```

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

```
.background{ background-color: rgb(250,  
189, 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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