

Converting Colors

XYZ(60.7516, 58.3823, 17.8521)

Have a look what the booklet for
XYZ(60.7516, 58.3823, 17.8521)
contains.

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Color

**XYZ(60.8098, 58.4649,
17.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBE5B
RGB	253, 190, 91
RGB Percent	99%, 75%, 36%
CMY	0.0078, 0.2549, 0.6431
CMYK	0.00, 0.25, 0.64, 0.01
HSL	37°, 98%, 67%
HSV	37°, 64%, 99%
XYZ	60.8098, 58.4649, 17.9774
YIQ	197.5510, 69.3270, -17.4330

Conversions

Conversions Part 2

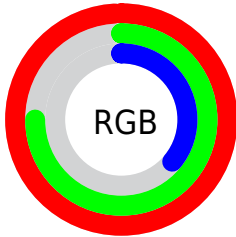
Format	Color
RYB	194, 253, 91
Decimal	16629339
CIELab	81.00, 12.75, 57.52
CIELCh	81, 58.912, 77.500
Yxy	58.4649, 0.4431, 0.4260
Android (android.graphics.Color)	4294819419 (0xFFFD5B5B)
YUV	197.5510, -52.5296, 48.6288
Hunter-Lab	76.4623, 8.1503, 39.5837

Details

The XYZ color **60.8098, 58.4649, 17.9774** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **33.5991, 32.4258, 97.4159**, and the grayscale version is **53.6844, 56.4802, 61.5069**.

A 20% lighter version of the original color is **79.2298, 89.1852, 39.4242**, and **31.0337, 29.2377, 5.8415** is the 20% darker color. If you saturate the color by 10%, you get **57.8378, 53.9831, 12.4799**, and if you desaturate by 10%, it is **64.2961, 63.3872, 25.4617**.

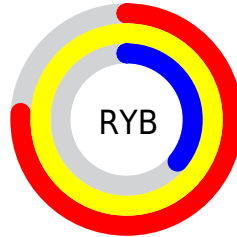
Distribution



Red (99%)

Green (75%)

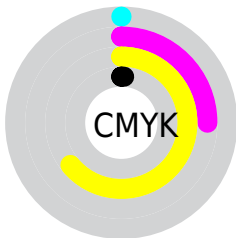
Blue (36%)



Red (76%)

Yellow (99%)

Blue (36%)

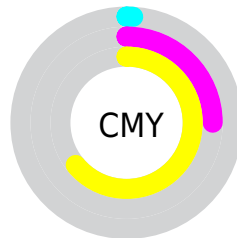


Cyan (0%)

Magenta (25%)

Yellow (64%)

Black (1%)



Cyan (1%)


Magenta (25%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8098, 58.4649, 17.9774 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 60.8098, 58.4649, 17.9774 by changing the saturation by 10% instead.


 60.8098, 58.4649,
17.9774


 60.8098, 58.4649,
17.9774


417.3633,
418.9160, 252.9755


 44.3236, 42.1825,
10.7645


 105.1032,
102.5996, 40.8122


 31.1240, 29.2442,
5.7965


 133.6411,
131.2206, 57.2712

 20.8456, 19.2657,
2.6550


 166.9270,
164.7233, 77.6493

 13.1230, 11.8624,
0.9206

 205.3262,
203.4922, 102.3651

 7.5909, 6.6500,
0.0000

249.2041,
247.9114, 131.8371

 3.8839, 3.2442,
0.0000

298.9260,

 1.6367, 1.2605,

298.3656, 166.4837

0.0000

354.8573,
355.2390, 206.7237

■ 0.4161, 0.1103,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8098, 58.4649,
17.9774

■ 60.8098, 58.4649,
17.9774

■ 57.8378, 53.9831,
12.4799

■ 64.2961, 63.3872,
25.4617

■ 55.3345, 49.9122,
8.7612

■ 68.3288, 68.7603,
35.1059

■ 53.2512, 46.2302,
6.5725

■ 72.9414, 74.6040,
47.0677

■ 52.1660, 44.1990,
5.7818

■ 78.1633, 80.9345,
61.4893

■ 84.0217, 87.7666,
78.5012

■ 90.5419, 95.1143,
98.2247

■ 94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



72.9975, 58.4649, 25.8250



60.8098, 58.4649, 17.9774



48.8004, 58.4649, 18.6393

Triad

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



60.8098, 58.4649, 17.9774



36.0419, 58.4649, 86.1075



74.7497, 58.4649, 120.7824

Complementary

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



60.8098, 58.4649, 17.9774



33.5991, 32.4258, 97.4159

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.



62.9365, 58.4649, 151.7887



60.8098, 58.4649, 17.9774



41.1622, 58.4649, 127.2563

Square

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



60.8098, 58.4649, 17.9774



35.6458, 58.4649, 50.1799



50.6386, 58.4649, 154.5165



81.8023, 58.4649, 79.3570

Rectangle

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



60.8098, 58.4649, 17.9774



42.4606, 58.4649, 23.8127



50.6386, 58.4649, 154.5165



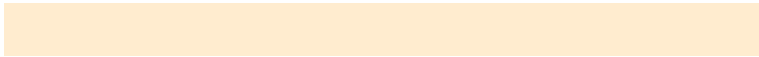
71.1310, 58.4649, 133.3360

Sweetspot

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



60.8112, 58.4678, 17.9785



82.4891, 85.8262, 70.9619



50.2331, 30.7588, 34.6539



17.2965, 17.9488, 14.1515



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.



60.8112, 58.4678, 17.9785



58.0702, 53.6718, 11.3893



71.8717, 88.9756, 23.2842



18.9335, 19.8352, 18.9750



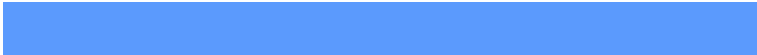
27.8964, 23.8039, 3.1243



2.8224, 2.5301, 0.3396

Inverse Universe

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



33.5991, 32.4258, 97.4159



28.4971, 25.4674, 98.0215



27.5587, 17.7129, 94.8944



17.5822, 18.5361, 22.9011



11.9049, 8.7194, 50.4901



1.2615, 1.0536, 4.9502

Previews

White Background



This preview shows how the XYZ color 60.8098, 58.4649, 17.9774 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 60.8098, 58.4649, 17.9774 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 60.8098, 58.4649, 17.9774

Background



This preview shows how black text looks on a background with the XYZ color 60.8098, 58.4649, 17.9774.



This preview shows how white text looks on a background with the XYZ color 60.8098, 58.4649,

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

60.8098, 58.4649, 17.9774

Protanopia

53.6175, 58.7553, 19.3414

Deuteranopia

59.8049, 58.5943, 18.0553



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

60.8098, 58.4649, 17.9774

Protanomaly

56.1461, 58.6887, 18.9585

Deuteranomaly

59.9435, 58.3409, 17.9991

Tritanomaly

64.3078, 58.2031, 39.7432

Monochromacy



Original Color

60.8098, 58.4649, 17.9774

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.6866, 56.4388, 40.8124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8098, 58.4649, 17.9774 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(253, 190, 91)` looks like.

```
.text, #text, p{  
    color:rgb(253, 190, 91)  
}
```

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(253, 190, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 190, 91) }
```

Border

The CSS property to change the border of an element to XYZ 60.8098, 58.4649, 17.9774 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(253, 190, 91) }
```


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

```
.border{ border-color:rgb(253, 190, 91) }
```

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

Here you see how a box with a 4 pixel rgb(253, 190, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 190, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 190, 91);  
box-shadow:4px 4px 4px 4px rgb(253, 190,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8098, 58.4649, 17.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 190, 91) }
```

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

```
.background{ background-color: rgb(253,  
190, 91) }
```

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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