

Converting Colors

XYZ(60.0866, 58.0891, 18.1872)

Have a look what the booklet for
XYZ(60.0866, 58.0891, 18.1872)
contains.

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Color

**XYZ(60.1289, 58.1088,
18.1722)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBE5C
RGB	251, 190, 92
RGB Percent	98%, 75%, 36%
CMY	0.0157, 0.2549, 0.6392
CMYK	0.00, 0.24, 0.63, 0.02
HSL	37°, 95%, 67%
HSV	37°, 63%, 98%
XYZ	60.1289, 58.1088, 18.1722
YIQ	197.0670, 67.8140, -17.5460

Conversions

Conversions Part 2

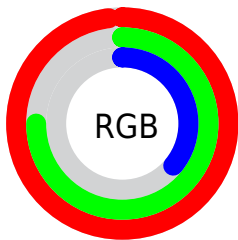
Format	Color
RYB	191, 251, 92
Decimal	16498268
CIELab	80.80, 11.99, 56.78
CIELCh	81, 58.032, 78.079
Yxy	58.1088, 0.4408, 0.4260
Android (android.graphics.Color)	4294688348 (0xFFFBBE5C)
YUV	197.0670, -51.7980, 47.2992
Hunter-Lab	76.2291, 7.3983, 39.2263

Details

The XYZ color **60.1289, 58.1088, 18.1722** 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 **33.2170, 32.0216, 95.6964**, and the grayscale version is **53.3871, 56.1674, 61.1663**.

A 20% lighter version of the original color is **79.3066, 89.2159, 39.8285**, and **30.7977, 29.1142, 5.9158** is the 20% darker color. If you saturate the color by 10%, you get **57.1914, 53.7085, 12.6474**, and if you desaturate by 10%, it is **63.5703, 62.9357, 25.6586**.

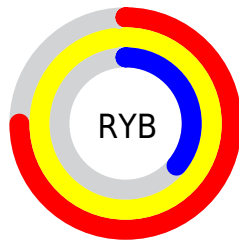
Distribution



Red (98%)

Green (75%)

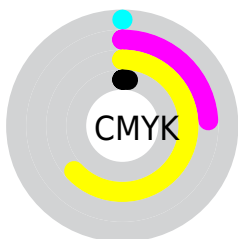
Blue (36%)



Red (75%)

Yellow (98%)

Blue (36%)

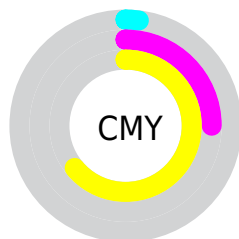


Cyan (0%)

Magenta (24%)

Yellow (63%)

Black (2%)



Cyan (2%)


Magenta (25%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1289, 58.1088, 18.1722 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 60.1289, 58.1088, 18.1722 by changing the saturation by 10% instead.


 60.1289, 58.1088,
18.1722

 60.1289, 58.1088,
18.1722


414.8999,
417.5912, 254.1085


 43.7724, 41.8961,
10.9030


 104.1219,
102.0813, 41.1484


 30.6888, 29.0200,
5.8883


 132.4891,
130.6099, 57.6925

 20.5126, 19.0959,
2.7096


 165.5906,
164.0126, 78.1653

 12.8786, 11.7396,
0.9482

 203.7918,
202.6737, 102.9853

 7.4215, 6.5666,
0.0000

247.4579,
246.9778, 132.5711

 3.7757, 3.1926,
0.0000

296.9544,

 1.5760, 1.2331,

297.3091, 167.3412

0.0000

352.6466,
354.0521, 207.7141

■ 0.3767, 0.0885,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1289, 58.1088,
18.1722

■ 60.1289, 58.1088,
18.1722

■ 57.1914, 53.7085,
12.6474

■ 63.5703, 62.9357,
25.6586

■ 54.7135, 49.7061,
8.8826


■ 67.5465, 68.1987,
35.2747

■ 52.6483, 46.0806,
6.6378


■ 72.0900, 73.9173,
47.1740

■ 51.4572, 43.8565,
5.7531

■ 77.2296, 80.1067,
61.4951

 82.9915, 86.7814,
78.3653

 89.4005, 93.9548,
97.9029

 93.5935, 99.2491,
108.8318

Harmonies

Analogous

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



72.1023, 58.1088, 25.7716



60.1289, 58.1088, 18.1722



48.3831, 58.1088, 18.9829

Triad

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



60.1289, 58.1088, 18.1722



36.0920, 58.1088, 86.0425



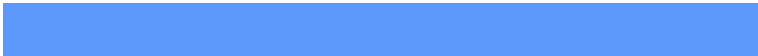
74.2139, 58.1088, 118.4022

Complementary

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



60.1289, 58.1088, 18.1722



33.2170, 32.0216, 95.6964

Split Complementary

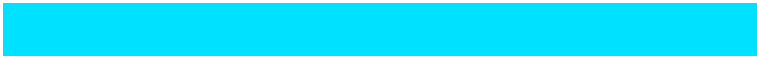
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.6956, 58.1088, 149.0365



60.1289, 58.1088, 18.1722



41.2204, 58.1088, 126.1810

Square

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



60.1289, 58.1088, 18.1722



35.6116, 58.1088, 50.5935



50.6060, 58.1088, 152.3093



80.9868, 58.1088, 77.9059

Rectangle

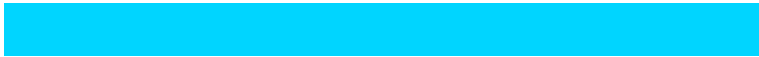
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1289, 58.1088, 18.1722



42.2017, 58.1088, 24.2404



50.6060, 58.1088, 152.3093



70.6981, 58.1088, 130.7403

Sweetspot

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



60.1303, 58.1117, 18.1733



82.5623, 85.9726, 70.9863



49.5779, 30.5507, 34.5597



17.3143, 17.9843, 14.1574



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.



60.1303, 58.1117, 18.1733



58.5417, 54.5071, 11.8786



70.7229, 87.4460, 23.2771



18.1355, 19.0069, 18.1753



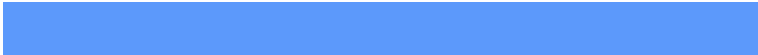
27.1934, 23.3434, 3.0725



2.6211, 2.3670, 0.3187

Inverse Universe

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



33.2170, 32.0216, 95.6964



28.7269, 25.6986, 98.0540



27.4124, 17.8018, 93.2577



16.8289, 17.7346, 21.9214



11.4953, 8.3461, 48.9786



1.1637, 0.9710, 4.5693

Previews

White Background



This preview shows how the XYZ color 60.1289, 58.1088, 18.1722 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 60.1289, 58.1088, 18.1722 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 60.1289, 58.1088, 18.1722

Background



This preview shows how black text looks on a background with the XYZ color 60.1289, 58.1088, 18.1722.



This preview shows how white text looks on a background with the XYZ color 60.1289, 58.1088,

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

60.1289, 58.1088, 18.1722

Protanopia

53.3836, 58.2875, 19.2635

Deuteranopia

59.2740, 57.9908, 18.1945



Tritanopia

67.3895, 58.1580, 58.1259

Trichromacy



Original Color

60.1289, 58.1088, 18.1722

Protanomaly

55.5909, 58.0643, 18.8672

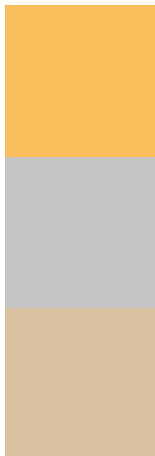
Deuteranomaly

59.6295, 58.1740, 18.2111

Tritanomaly

64.0143, 57.7521, 39.2258

Monochromacy



Original Color

60.1289, 58.1088, 18.1722

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1651, 55.8385, 40.7240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1289, 58.1088, 18.1722 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(251, 190, 92)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 92)  
}
```

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(251, 190, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 92) }
```

Border

The CSS property to change the border of an element to XYZ 60.1289, 58.1088, 18.1722 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(251, 190, 92) }
```


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

```
.border{ border-color:rgb(251, 190, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 92);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1289, 58.1088, 18.1722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 92) }
```

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

```
.background{ background-color: rgb(251,  
190, 92) }
```

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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