

Converting Colors

XYZ(72.4005, 64.5183, 18.2370)

Have a look what the booklet for
XYZ(72.4005, 64.5183, 18.2370)
contains.

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Color

**XYZ(61.4989, 58.8251,
17.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE5A
RGB	255, 190, 90
RGB Percent	100%, 75%, 35%
CMY	0.0000, 0.2549, 0.6470
CMYK	0.00, 0.25, 0.65, 0.00
HSL	36°, 100%, 68%
HSV	36°, 65%, 100%
XYZ	61.4989, 58.8251, 17.7859
YIQ	198.0350, 70.8400, -17.3200

Conversions

Conversions Part 2

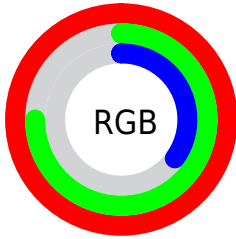
Format	Color
RYB	197, 255, 90
Decimal	16760410
CIELab	81.20, 13.51, 58.25
CIELCh	81, 59.797, 76.938
Yxy	58.8251, 0.4453, 0.4259
Android (android.graphics.Color)	4294950490 (0xFFFFBE5A)
YUV	198.0350, -53.2613, 49.9583
Hunter-Lab	76.6975, 8.9072, 39.9391

Details

The XYZ color **61.4989, 58.8251, 17.7859** 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 **33.9872, 32.8349, 99.1536**, and the grayscale version is **53.9827, 56.7940, 61.8486**.

A 20% lighter version of the original color is **79.1537, 89.1547, 39.0233**, and **31.5122, 29.4880, 5.6999** is the 20% darker color. If you saturate the color by 10%, you get **58.4932, 54.2631, 12.3168**, and if you desaturate by 10%, it is **65.0294, 63.8416, 25.2670**.

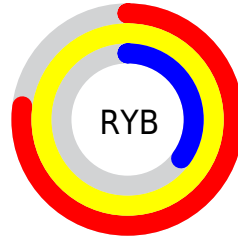
Distribution



Red (100%)

Green (75%)

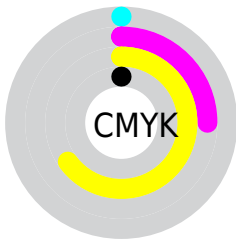
Blue (35%)



Red (77%)

Yellow (100%)

Blue (35%)

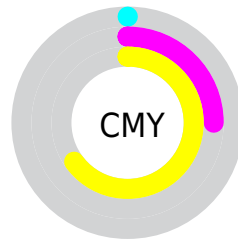


Cyan (0%)

Magenta (25%)

Yellow (65%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4989, 58.8251, 17.7859 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 61.4989, 58.8251, 17.7859 by changing the saturation by 10% instead.

61.4989, 58.8251,
17.7859

61.4989, 58.8251,
17.7859

419.8476,
420.2535, 251.8569

44.8820, 42.4723,
10.6285

106.0950,
103.1234, 40.4812

31.5654, 29.4713,
5.7066

134.8049,
131.8378, 56.8561

21.1837, 19.4377,
2.6016

168.2765,
165.4415, 77.1407

13.3716, 11.9869,
0.8933

206.8752,
204.3188, 101.7535

7.7637, 6.7348,
0.0000

250.9663,
248.8543, 131.1130

3.9946, 3.2968,
0.0000

300.9151,

1.6991, 1.2886,

299.4324, 165.6377

0.0000

357.0871,
356.4373, 205.7461

■ 0.4557, 0.1323,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4989, 58.8251,
17.7859

■ 61.4989, 58.8251,
17.7859

■ 58.4932, 54.2631,
12.3168

■ 65.0294, 63.8416,
25.2670

■ 55.9653, 50.1251,
8.6451

■ 69.1179, 69.3236,
34.9383

■ 53.8646, 46.3880,
6.5128

■ 73.7989, 75.2916,
46.9618

■ 52.8871, 44.5546,
5.8124

■ 79.1027, 81.7623,
61.4832

85.0572, 88.7510,
78.6366

91.6885, 96.2725,
98.5459

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



73.9031, 58.8251, 25.8811



61.4989, 58.8251, 17.7859



49.2228, 58.8251, 18.3015

Triad

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



61.4989, 58.8251, 17.7859



35.9938, 58.8251, 86.1739



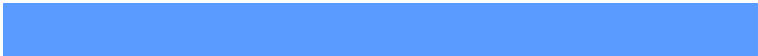
75.2904, 58.8251, 123.1990

Complementary

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



61.4989, 58.8251, 17.7859



33.9872, 32.8349, 99.1536

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.



63.1802, 58.8251, 154.5783



61.4989, 58.8251, 17.7859



41.1061, 58.8251, 128.3393

Square

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



61.4989, 58.8251, 17.7859



35.6823, 58.8251, 49.7701



50.6732, 58.8251, 156.7474



82.6258, 58.8251, 80.8305

Rectangle

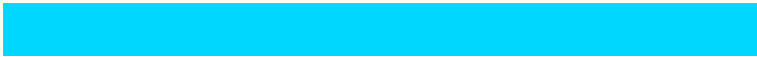
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4989, 58.8251, 17.7859



42.7231, 58.8251, 23.3916



50.6732, 58.8251, 156.7474



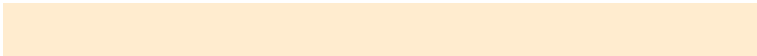
71.5679, 58.8251, 135.9704

Sweetspot

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



61.5003, 58.8280, 17.7870



82.4186, 85.6852, 70.9384



50.8970, 30.9730, 34.7490



17.2794, 17.9147, 14.1458



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.



61.5003, 58.8280, 17.7870



57.6099, 52.8538, 10.9197



73.0332, 90.5215, 23.2967



18.9255, 19.8193, 18.9723



27.7845, 23.5803, 3.0870



2.8118, 2.5091, 0.3361

Inverse Universe

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



33.9872, 32.8349, 99.1536



28.2735, 25.2377, 97.9889



27.7101, 17.6278, 96.5491



17.5900, 18.5515, 22.9037



11.9703, 8.8502, 50.5119



1.2683, 1.0674, 4.9524

Previews

White Background



This preview shows how the XYZ color 61.4989, 58.8251, 17.7859 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 61.4989, 58.8251, 17.7859 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 61.4989, 58.8251, 17.7859

Background



This preview shows how black text looks on a background with the XYZ color 61.4989, 58.8251, 17.7859.



This preview shows how white text looks on a background with the XYZ color 61.4989, 58.8251,

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

61.4989, 58.8251, 17.7859

Protanopia

53.8814, 58.8965, 19.1180

Deuteranopia

60.0772, 58.7445, 17.6236



Tritanopia

67.7056, 58.6109, 58.7835

Trichromacy



Original Color

61.4989, 58.8251, 17.7859

Protanomaly

56.4308, 58.8406, 18.7391

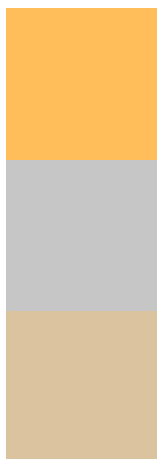
Deuteranomaly

60.5789, 58.6783, 17.5844

Tritanomaly

64.5897, 58.3582, 39.3125

Monochromacy



Original Color

61.4989, 58.8251, 17.7859

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.9865, 56.5935, 40.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4989, 58.8251, 17.7859 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(255, 190, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 90)  
}
```

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(255, 190, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 90) }
```

Border

The CSS property to change the border of an element to XYZ 61.4989, 58.8251, 17.7859 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(255, 190, 90) }
```


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

```
.border{ border-color:rgb(255, 190, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4989, 58.8251, 17.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 90) }
```

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

```
.background{ background-color: rgb(255,  
190, 90) }
```

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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