

Converting Colors

XYZ(75.6293, 66.0069, 19.1607)

Have a look what the booklet for
XYZ(75.6293, 66.0069, 19.1607)
contains.

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Color

**XYZ(61.6292, 58.8772,
18.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE5D
RGB	255, 190, 93
RGB Percent	100%, 75%, 36%
CMY	0.0000, 0.2549, 0.6353
CMYK	0.00, 0.25, 0.64, 0.00
HSL	36°, 100%, 68%
HSV	36°, 64%, 100%
XYZ	61.6292, 58.8772, 18.4722
YIQ	198.3770, 69.8770, -16.3870

Conversions

Conversions Part 2

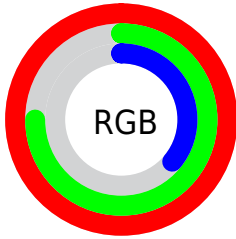
Format	Color
R _Y B	202, 255, 93
Decimal	16760413
CIE Lab	81.22, 13.70, 56.91
CIE LCh	81, 58.535, 76.468
Yxy	58.8772, 0.4434, 0.4236
Android (android.graphics.Color)	4294950493 (0xFFFFBE5D)
YUV	198.3770, -51.9509, 49.6584
Hunter-Lab	76.7315, 9.0876, 39.4387

Details

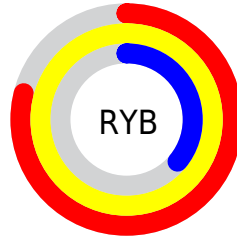
The XYZ color **61.6292, 58.8772, 18.4722** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **34.7905, 33.9994, 99.3360**, and the grayscale version is **54.1840, 57.0058, 62.0793**.

A 20% lighter version of the original color is **79.3841, 89.2469, 40.2365**, and **31.5768, 29.5139, 6.0399** is the 20% darker color. If you saturate the color by 10%, you get **58.5441, 54.2235, 12.7702**, and if you desaturate by 10%, it is **65.2490, 63.9984, 26.2106**.

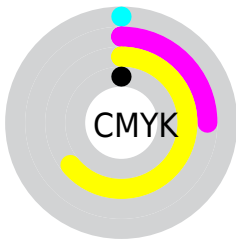
Distribution



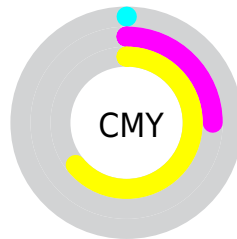
- Red (100%)
- Green (75%)
- Blue (36%)



- Red (79%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (25%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6292, 58.8772, 18.4722 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 61.6292, 58.8772, 18.4722 by changing the saturation by 10% instead.


 61.6292, 58.8772,
18.4722

 61.6292, 58.8772,
18.4722


420.3164,
420.4467, 255.8442

 44.9876, 42.5143,
11.1166


 106.2824,
103.1992, 41.6651


 31.6489, 29.5042,
6.0302


 135.0247,
131.9270, 58.3394

 21.2477, 19.4626,
2.7943


 168.5314,
165.5453, 78.9571

 13.4187, 12.0050,
0.9906

 207.1676,
204.4383, 103.9366

 7.7965, 6.7471,
0.0000

251.2989,
248.9906, 133.6965

 4.0157, 3.3044,
0.0000

301.2906,

 1.7110, 1.2927,

299.5865, 168.6554

0.0000

357.5079,
356.6104, 209.2318

■ 0.4632, 0.1355,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6292, 58.8772,
18.4722

■ 61.6292, 58.8772,
18.4722

■ 58.5441, 54.2235,
12.7702

■ 65.2490, 63.9984,
26.2106

■ 55.9474, 50.0065,
8.8943

■ 69.4362, 69.5981,
36.1608

■ 53.7895, 46.2037,
6.5933

■ 74.2253, 75.6971,
48.4830

■ 52.5810, 43.9424,
5.7104

■ 79.6463, 82.3121,
63.3214

85.7272, 89.4588,
80.8087

92.4937, 97.1520,
101.0681

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.



73.7158, 58.8772, 26.7043



61.6292, 58.8772, 18.4722



49.5732, 58.8772, 18.8635

Triad

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



61.6292, 58.8772, 18.4722



36.3510, 58.8772, 85.0922



74.7416, 58.8772, 122.3800

Complementary

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



61.6292, 58.8772, 18.4722



34.7905, 33.9994, 99.3360

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.



62.8753, 58.8772, 152.4848



61.6292, 58.8772, 18.4722



41.3138, 58.8772, 126.1630

Square

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



61.6292, 58.8772, 18.4722



36.1182, 58.8772, 49.6422



50.6515, 58.8772, 154.0774



81.9960, 58.8772, 81.1403

Rectangle

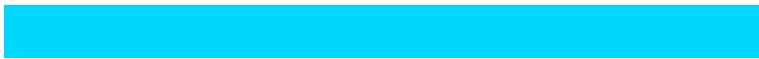
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6292, 58.8772, 18.4722



43.1482, 58.8772, 23.8462



50.6515, 58.8772, 154.0774



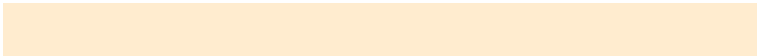
71.0881, 58.8772, 134.7013

Sweetspot

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



61.6306, 58.8801, 18.4733



82.3170, 85.4820, 70.9046



51.5435, 31.6447, 36.8796



17.2548, 17.8654, 14.1376



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.



61.6306, 58.8801, 18.4733



57.8589, 53.1414, 11.6510



74.1821, 91.0987, 24.0306



18.9141, 19.7963, 18.9685



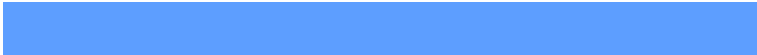
27.6251, 23.2613, 3.0339



2.7968, 2.4790, 0.3311

Inverse Universe

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



34.7905, 33.9994, 99.3360



29.2125, 26.6698, 98.2159



27.9683, 18.1442, 96.6352



17.6011, 18.5738, 22.9074



12.0665, 9.0425, 50.5440



1.2784, 1.0875, 4.9558

Previews

White Background



This preview shows how the XYZ color 61.6292, 58.8772, 18.4722 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 61.6292, 58.8772, 18.4722 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 61.6292, 58.8772, 18.4722

Background



This preview shows how black text looks on a background with the XYZ color 61.6292, 58.8772, 18.4722.



This preview shows how white text looks on a background with the XYZ color 61.6292, 58.8772,

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

61.6292, 58.8772, 18.4722

Protanopia

54.0187, 58.9514, 19.8409

Deuteranopia

60.2057, 58.7960, 18.3008



Tritanopia

67.9111, 59.0220, 58.8520

Trichromacy



Original Color

61.6292, 58.8772, 18.4722

Protanomaly

56.5664, 58.8949, 19.4528

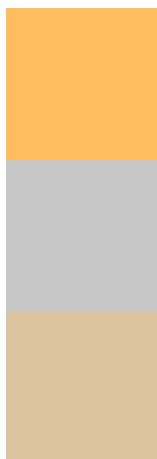
Deuteranomaly

60.7075, 58.7298, 18.2616

Tritanomaly

64.8847, 58.8121, 39.8304

Monochromacy



Original Color

61.6292, 58.8772, 18.4722

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.0737, 56.6283, 41.2854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6292, 58.8772, 18.4722 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 93) }
```

Border

The CSS property to change the border of an element to XYZ 61.6292, 58.8772, 18.4722 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, 93) }
```


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

```
.border{ border-color:rgb(255, 190, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6292, 58.8772, 18.4722 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, 93) }
```

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

```
.background{ background-color: rgb(255,  
190, 93) }
```

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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