

Converting Colors

XYZ(63.5136, 58.9146, 19.5280)

Have a look what the booklet for
XYZ(63.5136, 58.9146, 19.5280)
contains.

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Color

**XYZ(61.2149, 57.6825,
19.4627)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB62
RGB	255, 187, 98
RGB Percent	100%, 73%, 38%
CMY	0.0000, 0.2666, 0.6157
CMYK	0.00, 0.27, 0.62, 0.00
HSL	34°, 100%, 69%
HSV	34°, 62%, 100%
XYZ	61.2149, 57.6825, 19.4627
YIQ	197.1860, 69.0970, -13.2630

Conversions

Conversions Part 2

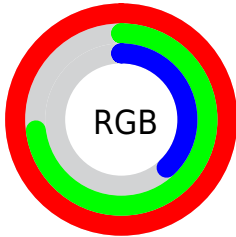
Format	Color
R _Y B	218, 255, 98
Decimal	16759650
CIE Lab	80.56, 15.58, 53.82
CIE LCh	81, 56.033, 73.858
Yxy	57.6825, 0.4424, 0.4169
Android (android.graphics.Color)	4294949730 (0xFFFFBB62)
YUV	197.1860, -48.8987, 50.7029
Hunter-Lab	75.9490, 10.9603, 37.9706

Details

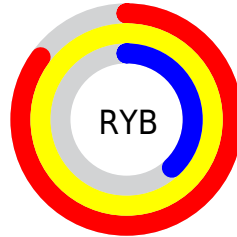
The XYZ color **61.2149, 57.6825, 19.4627** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.7224, 37.0873, 99.8302**, and the grayscale version is **53.4417, 56.2248, 61.2288**.

A 20% lighter version of the original color is **78.8765, 87.5955, 42.0286**, and **31.5239, 28.8496, 6.4918** is the 20% darker color. If you saturate the color by 10%, you get **57.9441, 52.7707, 13.3490**, and if you desaturate by 10%, it is **65.0521, 63.1138, 27.6578**.

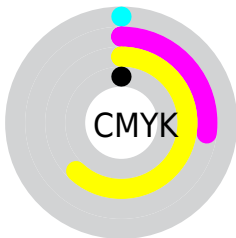
Distribution



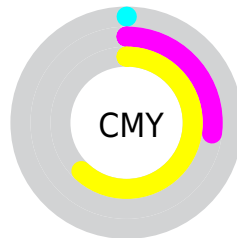
- Red (100%)
- Green (73%)
- Blue (38%)



- Red (85%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (62%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2149, 57.6825, 19.4627 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 61.2149, 57.6825, 19.4627 by changing the saturation by 10% instead.

61.2149, 57.6825,
19.4627

61.2149, 57.6825,
19.4627

418.8248,
416.0018, 261.4987

44.6518, 41.5534,
11.8249

105.6864,
101.4604, 43.3616

31.3834, 28.7518,
6.5035

134.3255,
129.8780, 60.4597

21.0442, 18.8931,
3.0799

167.7207,
163.1605, 81.5484

13.2690, 11.5931,
1.1356

206.2373,
201.6925, 107.0461

7.6923, 6.4672,
0.0000

250.2406,
245.8582, 137.3715

3.9488, 3.1312,
0.0000

300.0961,

1.6732, 1.2006,

296.0420, 172.9430

0.0000

356.1691,
352.6285, 214.1792

■ 0.4394, 0.0622,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2149, 57.6825,
19.4627

■ 61.2149, 57.6825,
19.4627

■ 57.9441, 52.7707,
13.3490

■ 65.0521, 63.1138,
27.6578

■ 55.1936, 48.3465,
9.1124

■ 69.4883, 69.0769,
38.1055

■ 52.9150, 44.3863,
6.5126

■ 74.5581, 75.5941,
50.9631

■ 51.2986, 41.3777,
5.2830

■ 80.2919, 82.6833,
66.3725

86.7180, 90.3616,
84.4648

93.8626, 98.6450,
105.3617

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.



72.3918, 57.6825, 28.3177



61.2149, 57.6825, 19.4627



49.6911, 57.6825, 19.1646

Triad

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



61.2149, 57.6825, 19.4627



36.0148, 57.6825, 79.2526



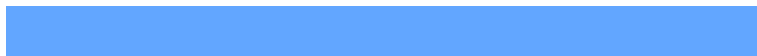
71.6431, 57.6825, 120.5271

Complementary

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



61.2149, 57.6825, 19.4627



36.7224, 37.0873, 99.8302

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.



60.3018, 57.6825, 146.6859



61.2149, 57.6825, 19.4627



40.3590, 57.6825, 117.7877

Square

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



61.2149, 57.6825, 19.4627



36.1877, 57.6825, 46.7740



48.8969, 57.6825, 145.5371



78.9643, 57.6825, 82.1383

Rectangle

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



61.2149, 57.6825, 19.4627



43.3912, 57.6825, 23.4923



48.8969, 57.6825, 145.5371



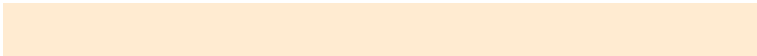
68.1104, 57.6825, 131.5572

Sweetspot

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



61.2163, 57.6853, 19.4638



82.5042, 85.3547, 72.5132



52.4937, 32.7501, 39.6476



17.2717, 17.8019, 14.4433



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.



61.2163, 57.6853, 19.4638



57.2291, 51.6506, 12.1540



75.4579, 91.7300, 25.2845



18.8641, 19.6963, 18.9519



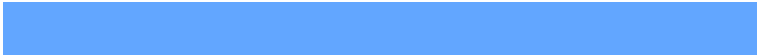
26.9561, 21.9234, 2.8109



2.7333, 2.3519, 0.3099

Inverse Universe

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



36.7224, 37.0873, 99.8302



30.9104, 29.5755, 98.6872



28.6593, 19.1734, 96.7975



17.6500, 18.6717, 22.9237



12.5115, 9.9326, 50.6923



1.3244, 1.1794, 4.9711

Previews

White Background



This preview shows how the XYZ color 61.2149, 57.6825, 19.4627 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 61.2149, 57.6825, 19.4627 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 61.2149, 57.6825, 19.4627

Background



This preview shows how black text looks on a background with the XYZ color 61.2149, 57.6825, 19.4627.



This preview shows how white text looks on a background with the XYZ color 61.2149, 57.6825,

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

61.2149, 57.6825, 19.4627

Protanopia

52.8713, 57.6400, 20.9094

Deuteranopia

59.1462, 57.8988, 19.3675



Tritanopia

66.9652, 57.6641, 56.8910

Trichromacy



Original Color

61.2149, 57.6825, 19.4627

Protanomaly

55.4683, 57.2934, 20.4472

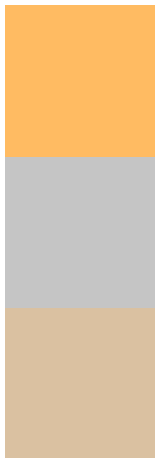
Deuteranomaly

59.9955, 58.0140, 19.3450

Tritanomaly

64.2593, 57.5613, 39.6219

Monochromacy



Original Color

61.2149, 57.6825, 19.4627

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.4164, 55.6186, 41.5856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2149, 57.6825, 19.4627 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, 187, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 98)  
}
```

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, 187, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 98) }
```

Border

The CSS property to change the border of an element to XYZ 61.2149, 57.6825, 19.4627 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, 187, 98) }
```


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

```
.border{ border-color:rgb(255, 187, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2149, 57.6825, 19.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 98) }
```

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

```
.background{ background-color: rgb(255,  
187, 98) }
```

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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