

Converting Colors

XYZ(72.6012, 64.3574, 19.5914)

Have a look what the booklet for
XYZ(72.6012, 64.3574, 19.5914)
contains.

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Color

**XYZ(61.7648, 58.9314,
19.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE60
RGB	255, 190, 96
RGB Percent	100%, 75%, 38%
CMY	0.0000, 0.2549, 0.6235
CMYK	0.00, 0.25, 0.62, 0.00
HSL	35°, 100%, 69%
HSV	35°, 62%, 100%
XYZ	61.7648, 58.9314, 19.1859
YIQ	198.7190, 68.9140, -15.4540

Conversions

Conversions Part 2

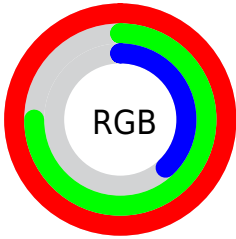
Format	Color
R_{YB}	206, 255, 96
Decimal	16760416
CIE _{Lab}	81.25, 13.89, 55.55
CIE _{LCh}	81, 57.263, 75.967
Yxy	58.9314, 0.4415, 0.4213
Android (android.graphics.Color)	4294950496 (0xFFFFBE60)
YUV	198.7190, -50.6405, 49.3584
Hunter-Lab	76.7668, 9.2751, 38.9187

Details

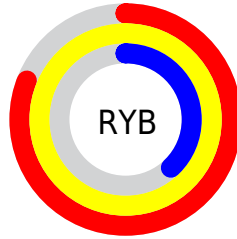
The XYZ color **61.7648, 58.9314, 19.1859** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.6182, 35.1951, 99.5234**, and the grayscale version is **54.3858, 57.2181, 62.3106**.

A 20% lighter version of the original color is **79.6206, 89.3415, 41.4819**, and **31.9060, 29.6753, 6.4291** is the 20% darker color. If you saturate the color by 10%, you get **58.5985, 54.1829, 13.2478**, and if you desaturate by 10%, it is **65.4760, 64.1609, 27.1846**.

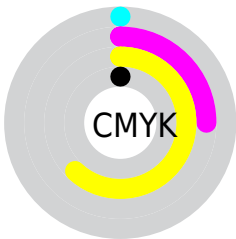
Distribution



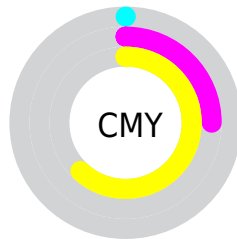
- Red (100%)
- Green (75%)
- Blue (38%)



- Red (81%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7648, 58.9314, 19.1859 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 61.7648, 58.9314, 19.1859 by changing the saturation by 10% instead.


 61.7648, 58.9314,
19.1859


 61.7648, 58.9314,
19.1859


420.8039,
420.6476, 259.9300


 45.0976, 42.5579,
11.6265


 106.4774,
103.2780, 42.8889


 31.7359, 29.5384,
6.3705


 135.2534,
132.0198, 59.8695

 21.3144, 19.4885,
2.9992

 168.7965,
165.6532, 80.8277

 13.4678, 12.0238,
1.0942

 207.4719,
204.5626, 106.1819

 7.8307, 6.7599,
0.0000

251.6449,
249.1323, 136.3507

 4.0377, 3.3124,
0.0000

301.6811,

 1.7235, 1.2969,

299.7468, 171.7526

0.0000

357.9456,
356.7905, 212.8062

■ 0.4709, 0.1388,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7648, 58.9314,
19.1859

■ 61.7648, 58.9314,
19.1859

■ 58.5985, 54.1829,
13.2478

■ 65.4760, 64.1609,
27.1846

■ 55.9312, 49.8847,
9.1637


■ 69.7645, 69.8825,
37.4166


■ 53.7145, 46.0142,
6.6894

■ 74.6644, 76.1173,
50.0402

■ 52.2684, 43.3172,
5.6062

■ 80.2057, 82.8823,
65.1983

 86.4162, 90.1932,
83.0223

 93.3219, 98.0652,
103.6345

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



73.5300, 58.9314, 27.5583



61.7648, 58.9314, 19.1859



49.9325, 58.9314, 19.4439

Triad

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



61.7648, 58.9314, 19.1859



36.7155, 58.9314, 84.0020



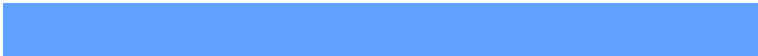
74.1888, 58.9314, 121.5635

Complementary

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



61.7648, 58.9314, 19.1859



35.6182, 35.1951, 99.5234

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.



62.5671, 58.9314, 150.3907



61.7648, 58.9314, 19.1859



41.5248, 58.9314, 123.9818

Square

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



61.7648, 58.9314, 19.1859



36.5643, 58.9314, 49.5095



50.6290, 58.9314, 151.4063



81.3630, 58.9314, 81.4629

Rectangle

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



61.7648, 58.9314, 19.1859



43.5838, 58.9314, 24.3114



50.6290, 58.9314, 151.4063



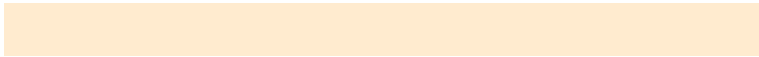
70.6044, 58.9314, 133.4328

Sweetspot

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



61.7662, 58.9343, 19.1870



82.2118, 85.2715, 70.8695



51.9669, 32.2438, 37.7844



17.2293, 17.8144, 14.1291



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.



61.7662, 58.9343, 19.1870



57.8455, 53.0017, 11.9948



74.4034, 91.1973, 24.7484



18.9022, 19.7725, 18.9646



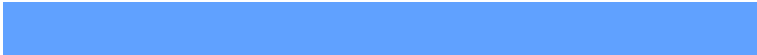
27.4621, 22.9354, 2.9796



2.7814, 2.4482, 0.3259

Inverse Universe

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



35.6182, 35.1951, 99.5234



29.8103, 27.6259, 98.3689



28.5708, 18.8535, 96.7406



17.6127, 18.5970, 22.9112



12.1685, 9.2466, 50.5780



1.2890, 1.1087, 4.9593

Previews

White Background



This preview shows how the XYZ color 61.7648, 58.9314, 19.1859 looks on a white background.

Color Contrast Check

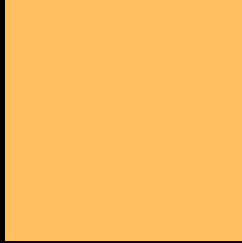
Large Text (above 18pt) WCAG AA × Fail

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 61.7648, 58.9314, 19.1859 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 61.7648, 58.9314, 19.1859

Background



This preview shows how black text looks on a background with the XYZ color 61.7648, 58.9314, 19.1859.



This preview shows how white text looks on a background with the XYZ color 61.7648, 58.9314,

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

61.7648, 58.9314, 19.1859

Protanopia

54.1612, 59.0085, 20.5918

Deuteranopia

60.3395, 58.8495, 19.0053



Tritanopia

67.9111, 59.0220, 58.8520

Trichromacy



Original Color

61.7648, 58.9314, 19.1859

Protanomaly

56.7072, 58.9512, 20.1943

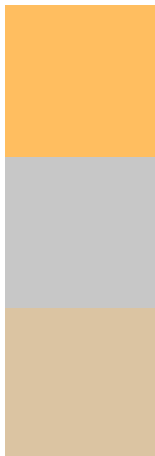
Deuteranomaly

60.8412, 58.7833, 18.9661

Tritanomaly

64.9705, 58.8464, 40.2819

Monochromacy



Original Color

61.7648, 58.9314, 19.1859

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.4749, 57.1486, 42.2894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7648, 58.9314, 19.1859 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 96) }
```

Border

The CSS property to change the border of an element to XYZ 61.7648, 58.9314, 19.1859 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, 96) }
```


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

```
.border{ border-color:rgb(255, 190, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7648, 58.9314, 19.1859 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, 96) }
```

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

```
.background{ background-color: rgb(255,  
190, 96) }
```

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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