

Converting Colors

XYZ(78.7998, 66.1845, 18.7100)

Have a look what the booklet for
XYZ(78.7998, 66.1845, 18.7100)
contains.

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Color

**XYZ(60.5207, 56.7306,
17.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB95C
RGB	255, 185, 92
RGB Percent	100%, 73%, 36%
CMY	0.0000, 0.2745, 0.6392
CMYK	0.00, 0.27, 0.64, 0.00
HSL	34°, 100%, 68%
HSV	34°, 64%, 100%
XYZ	60.5207, 56.7306, 17.8855
YIQ	195.3280, 71.5730, -14.0830

Conversions

Conversions Part 2

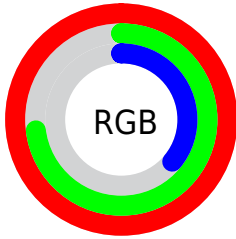
Format	Color
R _Y B	215, 255, 92
Decimal	16759132
CIE Lab	80.03, 16.24, 56.03
CIE LCh	80, 58.339, 73.835
Yxy	56.7306, 0.4478, 0.4198
Android (android.graphics.Color)	4294949212 (0xFFFFB95C)
YUV	195.3280, -50.9407, 52.3323
Hunter-Lab	75.3197, 11.6183, 38.6447

Details

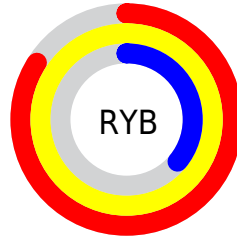
The XYZ color **60.5207, 56.7306, 17.8855** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **35.3832, 35.3343, 99.5625**, and the grayscale version is **52.3334, 55.0588, 59.9590**.

A 20% lighter version of the original color is **77.8061, 86.2149, 39.3284**, and **30.8656, 28.1183, 5.7200** is the 20% darker color. If you saturate the color by 10%, you get **57.3851, 51.9533, 12.2358**, and if you desaturate by 10%, it is **64.2104, 62.0164, 25.5711**.

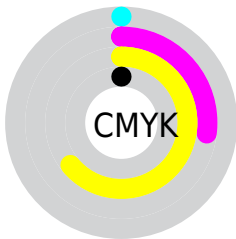
Distribution



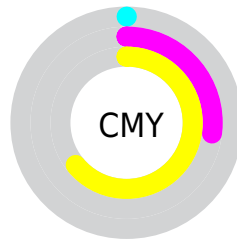
- Red (100%)
- Green (73%)
- Blue (36%)



- Red (84%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (64%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5207, 56.7306, 17.8855 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 60.5207, 56.7306, 17.8855 by changing the saturation by 10% instead.


 60.5207, 56.7306,
17.8855


 60.5207, 56.7306,
17.8855


416.3185,
412.4391, 252.4393


 44.0895, 40.7890,
10.6992


 104.6867,
100.0720, 40.6534


 30.9391, 28.1542,
5.7533


 133.1522,
128.2406, 57.0722

 20.7041, 18.4420,
2.6293


 166.3599,
161.2536, 77.4054

 13.0191, 11.2678,
0.9075

 204.6752,
199.4954, 102.0718

 7.5188, 6.2472,
0.0000

248.4633,
243.3505, 131.4899

 3.8378, 2.9960,
0.0000

298.0896,

 1.6108, 1.1296,

293.2032, 166.0781

0.0000

353.9196,
349.4379, 206.2551

■ 0.3994, 0.0031,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5207, 56.7306,
17.8855

■ 60.5207, 56.7306,
17.8855

■ 57.3851, 51.9533,
12.2358

■ 64.2104, 62.0164,
25.5711

■ 54.7562, 47.6524,
8.4099

■ 68.4881, 67.8236,
35.4691

■ 52.5833, 43.8033,
6.1544

■ 73.3888, 74.1743,
47.7407

■ 51.4417, 41.6638,
5.3306

■ 78.9434, 81.0867,
62.5308

85.1806, 88.5777,
79.9727

92.1271, 96.6637,
100.1903

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.



72.0958, 56.7306, 26.6854



60.5207, 56.7306, 17.8855



48.6505, 56.7306, 17.5863

Triad

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



60.5207, 56.7306, 17.8855



34.6741, 56.7306, 78.7363



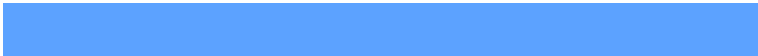
71.3029, 56.7306, 121.8571

Complementary

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



60.5207, 56.7306, 17.8855



35.3832, 35.3343, 99.5625

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.



59.5584, 56.7306, 149.3386



60.5207, 56.7306, 17.8855



39.0899, 56.7306, 118.9270

Square

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



60.5207, 56.7306, 17.8855



34.8532, 56.7306, 45.3159



47.8189, 56.7306, 148.1038



78.9171, 56.7306, 81.7908

Rectangle

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



60.5207, 56.7306, 17.8855



42.1961, 56.7306, 21.8578



47.8189, 56.7306, 148.1038



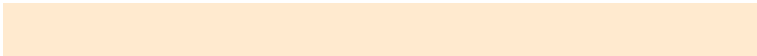
67.6379, 56.7306, 133.4321

Sweetspot

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



60.5220, 56.7334, 17.8866



81.9259, 84.6998, 70.7742



51.6453, 31.5459, 37.8458



17.1601, 17.6761, 14.1060



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.



60.5220, 56.7334, 17.8866



56.5239, 50.5792, 10.8739



75.0460, 91.5492, 23.8412



18.8698, 19.7078, 18.9538



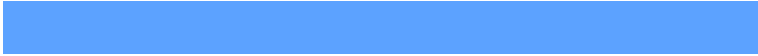
27.0308, 22.0728, 2.8358



2.7404, 2.3662, 0.3123

Inverse Universe

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



35.3832, 35.3343, 99.5625



29.6501, 27.7735, 98.4058



27.4558, 17.7505, 96.5863



17.6444, 18.6604, 22.9218



12.4582, 9.8260, 50.6746



1.3189, 1.1685, 4.9693

Previews

White Background



This preview shows how the XYZ color 60.5207, 56.7306, 17.8855 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 60.5207, 56.7306, 17.8855 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 60.5207, 56.7306, 17.8855

Background



This preview shows how black text looks on a background with the XYZ color 60.5207, 56.7306, 17.8855.



This preview shows how white text looks on a background with the XYZ color 60.5207, 56.7306,

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

60.5207, 56.7306, 17.8855

Protanopia

52.0499, 56.9070, 19.3072

Deuteranopia

58.0920, 56.7434, 17.7883



Tritanopia

66.3457, 56.7749, 55.6060

Trichromacy



Original Color

60.5207, 56.7306, 17.8855

Protanomaly

54.9616, 56.7334, 18.8803

Deuteranomaly

58.9385, 56.8615, 17.7665

Tritanomaly

63.5966, 56.6408, 38.1527

Monochromacy



Original Color

60.5207, 56.7306, 17.8855

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.4176, 54.4819, 40.0484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5207, 56.7306, 17.8855 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, 185, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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(255, 185, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 92) }
```

Border

The CSS property to change the border of an element to XYZ 60.5207, 56.7306, 17.8855 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, 185, 92) }
```


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

```
.border{ border-color:rgb(255, 185, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5207, 56.7306, 17.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 92) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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