

Converting Colors

XYZ(57.7040, 55.2303, 19.9311)

Have a look what the booklet for
XYZ(57.7040, 55.2303, 19.9311)
contains.

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Color

**XYZ(57.7040, 55.2303,
19.9311)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B965
RGB	246, 185, 101
RGB Percent	96%, 73%, 40%
CMY	0.0353, 0.2745, 0.6039
CMYK	0.00, 0.25, 0.59, 0.04
HSL	35°, 89%, 68%
HSV	35°, 59%, 96%
XYZ	57.7040, 55.2303, 19.9311
YIQ	193.6630, 63.3200, -13.1920

Conversions

Conversions Part 2

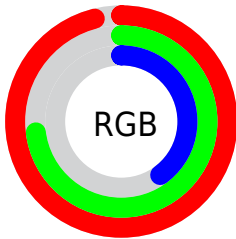
Format	Color
R _Y B	206, 246, 101
Decimal	16169317
CIE Lab	79.17, 13.14, 50.53
CIE LCh	79, 52.215, 75.420
Yxy	55.2303, 0.4343, 0.4157
Android (android.graphics.Color)	4294359397 (0xFFFF6B965)
YUV	193.6630, -45.6829, 45.8995
Hunter-Lab	74.3171, 8.5426, 36.1210

Details

The XYZ color **57.7040, 55.2303, 19.9311** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.9212, 35.2598, 92.1538**, and the grayscale version is **51.3154, 53.9878, 58.7927**.

A 20% lighter version of the original color is **78.5280, 86.5037, 43.1299**, and **29.0767, 27.1719, 6.7298** is the 20% darker color. If you saturate the color by 10%, you get **54.5880, 50.6473, 13.8099**, and if you desaturate by 10%, it is **61.3408, 60.2781, 28.0062**.

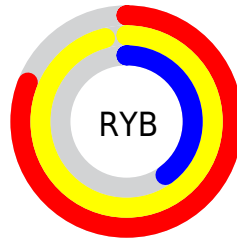
Distribution



Red (96%)

Green (73%)

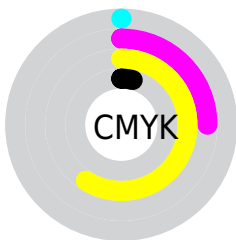
Blue (40%)



Red (81%)

Yellow (96%)

Blue (40%)

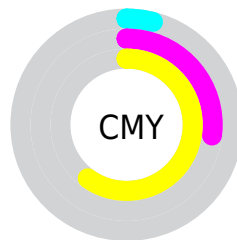


Cyan (0%)

Magenta (25%)

Yellow (59%)

Black (4%)



Cyan (4%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7040, 55.2303, 19.9311 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 57.7040, 55.2303, 19.9311 by changing the saturation by 10% instead.

57.7040, 55.2303,
19.9311

57.7040, 55.2303,
19.9311

406.0537,
406.7843, 264.1338

41.8131, 39.5861,
12.1614

100.6171, 97.8783,
44.1591

29.1454, 27.2160,
6.7298

128.3700,
125.6509, 61.4544

19.3357, 17.7355,
3.2178

160.8077,
158.2352, 82.7621

12.0185, 10.7603,
1.2069

198.2953,
196.0154, 108.5006

6.8286, 5.9059,
0.0000

241.1984,
239.3760, 139.0885

3.4005, 2.7879,
0.0000

289.8823,

1.3689, 1.0220,

288.7015, 174.9443

0.0000

344.7123,
344.3761, 216.4865

■ 0.2339, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7040, 55.2303,
19.9311

■ 57.7040, 55.2303,
19.9311

■ 54.5880, 50.6473,
13.8099

■ 61.3408, 60.2781,
28.0062

■ 51.9524, 46.5011,
9.4630


■ 65.5270, 65.8008,
38.1868


■ 49.7555, 42.7716,
6.6826


■ 70.2932, 71.8177,
50.6131


■ 47.9351, 39.4284,
5.1587

■ 75.6663, 78.3447,
65.4120

 47.7564, 39.0938,
5.0288

 81.6716, 85.3964,
82.7012

 88.3325, 92.9868,
102.5902

 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



67.8588, 55.2303, 27.8141



57.7040, 55.2303, 19.9311



47.3432, 55.2303, 20.0357

Triad

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



57.7040, 55.2303, 19.9311



35.4453, 55.2303, 76.7289



68.1058, 55.2303, 110.1004

Complementary

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



57.7040, 55.2303, 19.9311



34.9212, 35.2598, 92.1538

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.



58.0071, 55.2303, 134.1889



57.7040, 55.2303, 19.9311



39.6447, 55.2303, 110.9942

Square

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



57.7040, 55.2303, 19.9311



35.3868, 55.2303, 46.8121



47.6088, 55.2303, 134.5615



74.3821, 55.2303, 75.7758

Rectangle

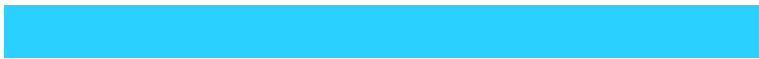
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.7040, 55.2303, 19.9311



41.7132, 55.2303, 24.4366



47.6088, 55.2303, 134.5615



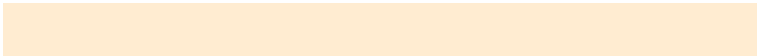
64.9903, 55.2303, 120.0990

Sweetspot

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



57.7053, 55.2330, 19.9322



82.6679, 85.6822, 72.5678



49.3457, 31.5750, 38.5374



17.3117, 17.8819, 14.4566



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.



57.7053, 55.2330, 19.9322



58.5626, 53.9303, 13.7927



70.0076, 84.7409, 24.9794



17.2966, 18.0773, 17.3752



25.6325, 21.1505, 2.7315



2.3544, 2.0620, 0.2739

Inverse Universe

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



34.9212, 35.2598, 92.1538



31.7939, 30.5213, 98.8232



27.8024, 19.3197, 89.4523



16.1540, 17.0724, 20.9865



11.6249, 9.0437, 47.6709



1.1210, 0.9934, 4.2229

Previews

White Background



This preview shows how the XYZ color 57.7040, 55.2303, 19.9311 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 57.7040, 55.2303, 19.9311 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 57.7040, 55.2303, 19.9311

Background



This preview shows how black text looks on a background with the XYZ color 57.7040, 55.2303, 19.9311.



This preview shows how white text looks on a background with the XYZ color 57.7040, 55.2303,

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

57.7040, 55.2303, 19.9311

Protanopia

50.8350, 55.5514, 21.4078

Deuteranopia

56.3949, 55.1810, 19.9906



Tritanopia

64.9151, 55.1734, 54.8051

Trichromacy



Original Color

57.7040, 55.2303, 19.9311

Protanomaly

53.2472, 55.4703, 20.9971

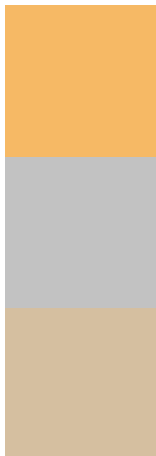
Deuteranomaly

56.8700, 55.1121, 19.9522

Tritanomaly

61.5452, 54.9645, 38.8179

Monochromacy



Original Color

57.7040, 55.2303, 19.9311

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.4165, 53.9458, 40.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7040, 55.2303, 19.9311 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(246, 185, 101)` looks like.

```
.text, #text, p{  
    color:rgb(246, 185, 101)  
}
```

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(246, 185, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 185, 101) }
```

Border

The CSS property to change the border of an element to XYZ 57.7040, 55.2303, 19.9311 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(246, 185, 101) }
```


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

```
.border{ border-color:rgb(246, 185, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 185, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 185, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 185, 101);  
box-shadow:4px 4px 4px 4px rgb(246, 185,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7040, 55.2303, 19.9311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 185, 101) }
```

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

```
.background{ background-color: rgb(246,  
185, 101) }
```

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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