

Converting Colors

YUV(180.9020, -61.5767,
57.0909)

Have a look what the booklet for
YUV(180.9020, -61.5767, 57.0909)
contains.

YUV(180.9020, -61.5767, 57.0909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.9020, -61.5767,
57.0909)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AC38
RGB	246, 172, 56
RGB Percent	96%, 67%, 22%
CMY	0.0353, 0.3255, 0.7804
CMYK	0.00, 0.30, 0.77, 0.04
HSL	37°, 91%, 59%
HSV	37°, 77%, 96%
XYZ	53.4724, 49.3834, 10.4550
YIQ	180.9020, 81.3400, -20.3880

Conversions

Conversions Part 2

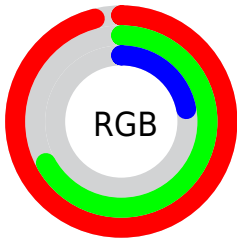
Format	Color
RYB	177, 246, 56
Decimal	16165944
CIELab	75.69, 17.55, 66.50
CIELCh	76, 68.778, 75.216
Yxy	49.3834, 0.4719, 0.4358
Android (android.graphics.Color)	4294356024 (0xFFFF6AC38)
YUV	180.9020, -61.5767, 57.0909
Hunter-Lab	70.2733, 12.8459, 40.3704

Details

The YUV color **180.9020, -61.5767, 57.0909** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **121.0980, 61.5767, -57.0909**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1480, -54.7960, 28.8112**, and **125.7550, -61.9972, 51.9579** is the 20% darker color. If you saturate the color by 10%, you get **172.1820, -69.6027, 64.7384**, and if you desaturate by 10%, it is **189.6220, -53.5506, 49.4435**.

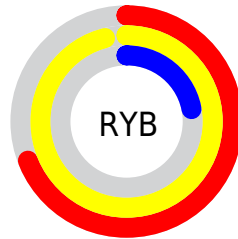
Distribution



Red (96%)

Green (67%)

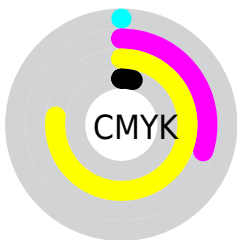
Blue (22%)



Red (69%)

Yellow (96%)

Blue (22%)

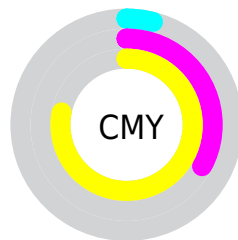


Cyan (0%)

Magenta (30%)

Yellow (77%)

Black (4%)



Cyan (4%)

Magenta (33%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9020, -61.5767, 57.0909 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 YUV color 180.9020, -61.5767, 57.0909 by changing the saturation by 10% instead.

180.9020,
-61.5767, 57.0909

180.9020,
-61.5767, 57.0909

255.0000, 0.0000,
0.0000

152.1360,
-63.1710, 55.1317

222.1480,
-54.7960, 28.8112

125.7550,
-61.9972, 51.9579

241.6620,
-51.1054, 11.6974

102.1100,
-50.3402, 46.3845

244.8540,
-38.8750, 8.8980

79.0520, -38.9726,
40.2964

248.0460,
-26.6447, 6.0987

57.4670, -28.3312,
33.7934

251.3520,
-13.9775, 3.1993

36.4800, -17.9846,
28.5200

254.7720, -0.8736,

16.3790, -8.0748,

0.2000

23.3466

■ 0.0000, 0.0000,
0.0000

■ 180.9020,
-61.5767, 57.0909

■ 180.9020,
-61.5767, 57.0909

■ 172.1820,
-69.6027, 64.7384

■ 189.6220,
-53.5506, 49.4435

■ 164.1630,
-77.4814, 71.7710

■ 197.6410,
-45.6720, 42.4108

■ 161.6040,
-79.6708, 74.0153

■ 206.3610,
-37.6460, 34.7634

■ 214.3800,
-29.7673, 27.7307

■ 223.1000,
-21.7413, 20.0833

231.2330,
-13.4259, 12.9507

239.8390, -5.8366,
5.4032

248.5590, 2.1894,
-2.2442

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



173.8200, -36.8863, 71.1949



180.9020, -61.5767, 57.0909



175.6160, -61.4357, 11.7378

Triad

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



180.9020, -61.5767, 57.0909



152.2310, 32.4241, -133.5066



189.7110, 32.1875, 36.2105

Complementary

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



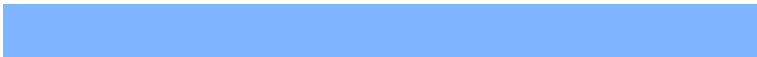
180.9020, -61.5767, 57.0909



121.0980, 61.5767, -57.0909

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.



173.8770, 39.9936, -41.1111



180.9020, -61.5767, 57.0909



154.6880, 49.4538, -135.6614

Square

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



180.9020, -61.5767, 57.0909



143.5330, 4.1742, -125.8784



147.6440, 52.9265, -129.4838



178.9230, 20.7440, 66.7195

Rectangle

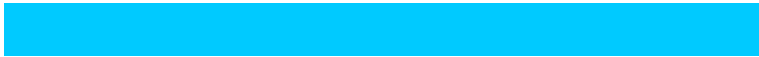
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.9020, -61.5767, 57.0909



171.0550, -47.3551, -24.6042



147.6440, 52.9265, -129.4838



186.6220, 33.7104, 14.3635

Sweetspot

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



180.9020, -61.5767, 57.0909



234.7730, -19.1151, 17.7391



121.4740, 5.1893, 109.2093



115.6780, -11.6733, 10.8064



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.9020, -61.5767, 57.0909



173.9780, -76.8972, 71.0563



218.6590, -80.1909, 7.3151



118.2840, -4.0840, 3.2589



122.5320, -60.4083, 55.6614



38.7730, -19.1151, 17.7391

Inverse Universe

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



121.0980, 61.5767, -57.0909



99.0220, 76.8972, -71.0563



83.3410, 80.1909, -7.3151



114.3030, 3.7946, -3.7737



64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 180.9020, -61.5767, 57.0909 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 YUV color 180.9020, -61.5767, 57.0909 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](#).

YUV 180.9020, -61.5767, 57.0909

Background



This preview shows how black text looks on a background with the YUV color 180.9020, -61.5767, 57.0909.



This preview shows how white text looks on a background with the YUV color 180.9020, -61.5767, 57.0909.

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

180.9020, -61.5767, 57.0909

Protanopia

179.1000, -58.7163, 26.2223

Deuteranopia

180.0210, -62.1284, 47.3396



Tritanopia

189.8760, -8.3199, 55.3597

Trichromacy



Original Color

180.9020, -61.5767, 57.0909

Protanomaly

179.9380, -59.6224, 36.8884

Deuteranomaly

180.1570, -61.7024, 50.7283

Tritanomaly

186.4250, -27.8175, 55.7553

Monochromacy



Original Color

180.9020, -61.5767, 57.0909

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2850, -22.3255, 20.7981

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9020, -61.5767, 57.0909 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, 172, 56)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 56)  
}
```

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, 172, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 56) }
```

Border

The CSS property to change the border of an element to YUV 180.9020, -61.5767, 57.0909 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, 172, 56) }
```


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

```
.border{ border-color:rgb(246, 172, 56) }
```

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

Here you see how a box with a 4 pixel rgb(246, 172, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 56);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 180.9020, -61.5767, 57.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 56) }
```

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

```
.background{ background-color: rgb(246,  
172, 56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor