

Converting Colors

YUV(185.3200, -58.8248,
61.1094)

Have a look what the booklet for
YUV(185.3200, -58.8248, 61.1094)
contains.

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Color

**YUV(185.3200, -58.8248,
61.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD42
RGB	255, 173, 66
RGB Percent	100%, 68%, 26%
CMY	0.0000, 0.3216, 0.7412
CMYK	0.00, 0.32, 0.74, 0.00
HSL	34°, 100%, 63%
HSV	34°, 74%, 100%
XYZ	57.1669, 51.5405, 12.0895
YIQ	185.3200, 83.2190, -15.8930

Conversions

Conversions Part 2

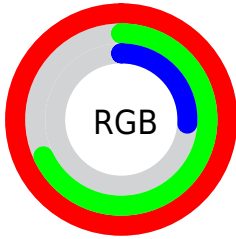
Format	Color
R _Y B	211, 255, 66
Decimal	16756034
CIE Lab	77.01, 21.17, 64.23
CIE LCh	77, 67.627, 71.754
Yxy	51.5405, 0.4732, 0.4267
Android (android.graphics.Color)	4294946114 (0xFFFFAD42)
YUV	185.3200, -58.8248, 61.1094
Hunter-Lab	71.7917, 16.5021, 40.2699

Details

The YUV color **185.3200, -58.8248, 61.1094** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **135.6800, 58.8248, -61.1094**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7610, -51.1542, 27.3966**, and **128.7340, -63.4659, 56.3613** is the 20% darker color. If you saturate the color by 10%, you get **175.8990, -66.9982, 69.3716**, and if you desaturate by 10%, it is **194.6270, -51.0881, 52.9471**.

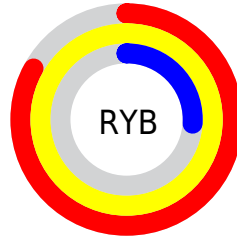
Distribution



Red (100%)

Green (68%)

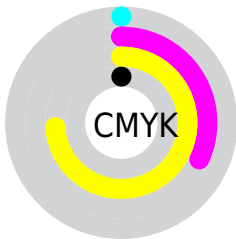
Blue (26%)



Red (83%)

Yellow (100%)

Blue (26%)

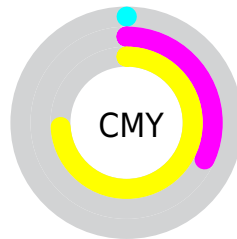


Cyan (0%)

Magenta (32%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3200, -58.8248, 61.1094 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 185.3200, -58.8248, 61.1094 by changing the saturation by 10% instead.

185.3200,
-58.8248, 61.1094

185.3200,
-58.8248, 61.1094

255.0000, 0.0000,
0.0000

156.8960,
-59.1087, 58.8502

223.7610,
-51.1542, 27.3966

128.7340,
-63.4659, 56.3613

242.6880,
-47.1742, 10.7976

105.0890,
-51.8089, 50.7879

245.8800,
-34.9438, 7.9982

82.3300, -40.5887,
45.3146

249.0720,
-22.7135, 5.1989

59.8590, -29.5105,
38.7117

252.3780,
-10.0464, 2.2995

38.5730, -19.0165,
32.8235

18.1730, -8.9593,

27.0353

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 185.3200,
-58.8248, 61.1094

■ 185.3200,
-58.8248, 61.1094

■ 175.8990,
-66.9982, 69.3716

■ 194.6270,
-51.0881, 52.9471

■ 166.5920,
-74.7349, 77.5338

■ 204.0480,
-42.9147, 44.6849

■ 160.7730,
-79.2611, 82.6371

■ 213.4690,
-34.7412, 36.4227

■ 222.7760,
-27.0046, 28.2604

■ 232.1970,
-18.8311, 19.9982

■ 241.5040,
-11.0945, 11.8360

■ 250.8110, -3.3578,
3.6738

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



175.5470, -32.8077, 69.6803



185.3200, -58.8248, 61.1094



180.6490, -61.4520, 16.9708

Triad

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



185.3200, -58.8248, 61.1094



154.1230, 29.5194, -135.1659



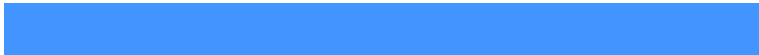
192.3250, 30.8988, 29.5330

Complementary

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



185.3200, -58.8248, 61.1094



135.6800, 58.8248, -61.1094

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.



174.6970, 39.5894, -51.4773



185.3200, -58.8248, 61.1094



157.0360, 48.2963, -137.7206

Square

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



185.3200, -58.8248, 61.1094



144.9520, 1.9957, -127.1229



151.1660, 51.1902, -132.5726



184.1720, 23.0862, 62.1162

Rectangle

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



185.3200, -58.8248, 61.1094



175.9420, -49.2714, -16.6121



151.1660, 51.1902, -132.5726



188.6380, 32.7165, 6.4565

Sweetspot

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



185.3200, -58.8248, 61.1094



234.5280, -17.5153, 17.9539



132.2010, 9.2679, 107.6947



115.3190, -10.5103, 11.1212



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.



185.3200, -58.8248, 61.1094



171.5960, -70.7928, 73.1453



230.7630, -81.2282, 13.3628



122.9960, -3.9420, 4.3885



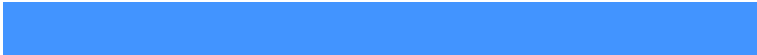
120.5050, -59.4090, 61.8241



40.2680, -19.8521, 20.8130

Inverse Universe

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



135.6800, 58.8248, -61.1094



111.9910, 70.5034, -73.6601



90.2370, 81.2282, -13.3628



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 185.3200, -58.8248, 61.1094 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 185.3200, -58.8248, 61.1094 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 185.3200, -58.8248, 61.1094 Background



This preview shows how black text looks on a background with the YUV color 185.3200, -58.8248, 61.1094.



This preview shows how white text looks on a background with the YUV color 185.3200, -58.8248,

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

185.3200, -58.8248, 61.1094

Protanopia

183.8980, -55.6587, 25.5225

Deuteranopia

184.5910, -59.9444, 46.8397



Tritanopia

193.7510, -8.7512, 53.7154

Trichromacy



Original Color

185.3200, -58.8248, 61.1094

Protanomaly

184.0460, -56.7177, 38.5477

Deuteranomaly

184.7380, -59.5238, 51.9728

Tritanomaly

190.9520, -27.0913, 56.1701

Monochromacy



Original Color

185.3200, -58.8248, 61.1094

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2250, -21.3099, 21.7277

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3200, -58.8248, 61.1094 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, 173, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 66)  
}
```

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, 173, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 66) }
```

Border

The CSS property to change the border of an element to YUV 185.3200, -58.8248, 61.1094 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, 173, 66) }
```


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

```
.border{ border-color:rgb(255, 173, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 185.3200, -58.8248, 61.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 66) }
```

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

```
.background{ background-color: rgb(255,  
173, 66) }
```

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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