

# Converting Colors

YUV(187.7480, -54.5988,  
58.9800)

Have a look what the booklet for  
YUV(187.7480, -54.5988, 58.9800)  
contains.

<b>YUV(187.7480, -54.5988, 58.9800)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(187.7480, -54.5988,  
58.9800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAF4D
RGB	255, 175, 77
RGB Percent	100%, 69%, 30%
CMY	0.0000, 0.3137, 0.6980
CMYK	0.00, 0.31, 0.70, 0.00
HSL	33°, 100%, 65%
HSV	33°, 70%, 100%
XYZ	57.9095, 52.4558, 14.0940
YIQ	187.7480, 79.1380, -13.5180

# Conversions

## Conversions Part 2

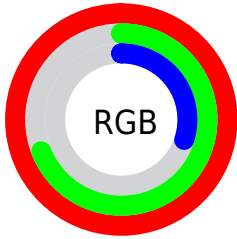
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 255, 77
Decimal	16756557
CIE <sub>Lab</sub>	77.55, 20.63, 60.13
CIE <sub>LCh</sub>	78, 63.569, 71.059
Yxy	52.4558, 0.4653, 0.4215
Android (android.graphics.Color)	4294946637 (0xFFFFAF4D)
YUV	187.7480, -54.5988, 58.9800
Hunter-Lab	72.4264, 15.9761, 39.1608

# Details

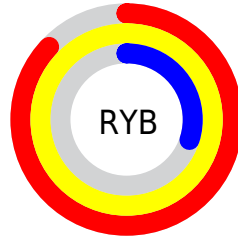
The YUV color **187.7480, -54.5988, 58.9800** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **144.2520, 54.5988, -58.9800**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6620, -47.6544, 24.8524**, and **131.9000, -55.1667, 54.4617** is the 20% darker color. If you saturate the color by 10%, you get **178.4410, -62.3354, 67.1422**, and if you desaturate by 10%, it is **197.1690, -46.4253, 50.7178**.

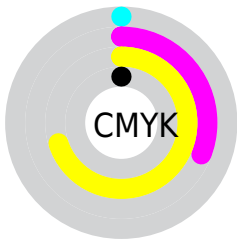
# Distribution



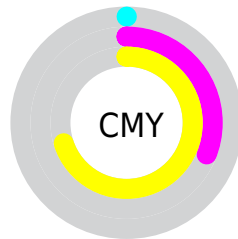
- Red (100%)
- Green (69%)
- Blue (30%)



- Red (87%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.7480, -54.5988, 58.9800 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 187.7480, -54.5988, 58.9800 by changing the saturation by 10% instead.



187.7480,  
-54.5988, 58.9800

187.7480,  
-54.5988, 58.9800

255.0000, 0.0000,  
0.0000

159.5520,  
-54.0091, 56.5209

226.6620,  
-47.6544, 24.8524

131.9000,  
-55.1667, 54.4617

243.8280,  
-42.8062, 9.7978

106.5620,  
-52.5351, 50.3731

247.0200,  
-30.5759, 6.9985

83.5040, -41.1675,  
44.2850

250.3260,  
-17.9087, 4.0991

61.3320, -30.2367,  
38.2968

253.6320, -5.2416,  
1.1997

40.0460, -19.7427,  
32.4087

19.0590, -9.3961,

27.1353

■ 6.5780, -3.2430,  
13.5251

■ 0.0000, 0.0000,  
0.0000

■ 187.7480,  
-54.5988, 58.9800

■ 187.7480,  
-54.5988, 58.9800

■ 178.4410,  
-62.3354, 67.1422

■ 197.1690,  
-46.4253, 50.7178

■ 168.4330,  
-70.2195, 75.9193

■ 207.0630,  
-38.9781, 42.0407

■ 159.1260,  
-77.9561, 84.0815

■ 216.4840,  
-30.8046, 33.7785

■ 158.4250,  
-78.1035, 84.6963

■ 226.3780,  
-23.3574, 25.1015

■ 235.7990,  
-15.1839, 16.8393

■ 245.6930, -7.7366,  
8.1622

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.



179.3940, -30.7602, 66.3065



187.7480, -54.5988, 58.9800



183.8000, -57.0894, 17.7154

# Triad

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



187.7480, -54.5988, 58.9800



153.8950, 28.6458, -134.9659



194.0750, 30.0360, 26.2442

# Complementary

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



187.7480, -54.5988, 58.9800



144.2520, 54.5988, -58.9800

# 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.



178.2630, 37.8313, -47.5887



187.7480, -54.5988, 58.9800



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.



187.7480, -54.5988, 58.9800



145.1800, 2.8693, -127.3229



151.1660, 51.1902, -132.5726



187.6940, 21.3499, 59.0274



# Rectangle

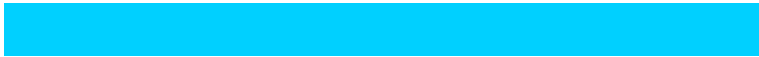
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187.7480, -54.5988, 58.9800



179.0500, -46.3666, -14.9528



151.1660, 51.1902, -132.5726



190.3990, 31.8483, 4.9121

# Sweetspot

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



187.7480, -54.5988, 58.9800



234.7560, -16.6417, 17.7540



139.3420, 8.7054, 101.4321



115.5470, -9.6367, 10.9213



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.



187.7480, -54.5988, 58.9800



174.2520, -65.6932, 70.8160



232.0170, -76.4234, 12.2631



122.9960, -3.9420, 4.3885



118.7440, -58.5408, 63.3685

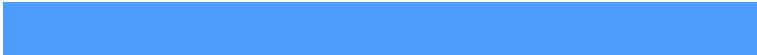


39.6810, -19.5627, 21.3278



# Inverse Universe

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



144.2520, 54.5988, -58.9800



121.7480, 65.6932, -70.8160



99.9830, 76.4234, -12.2631



119.4170, 4.2314, -3.8737



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278



# Previews

## White Background



This preview shows how the YUV color 187.7480, -54.5988, 58.9800 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 187.7480, -54.5988, 58.9800 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 187.7480, -54.5988, 58.9800

## Background



This preview shows how black text looks on a background with the YUV color 187.7480, -54.5988, 58.9800.



This preview shows how white text looks on a background with the YUV color 187.7480, -54.5988, 58.9800.



# 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

187.7480, -54.5988, 58.9800

### Protanopia

186.0380, -51.2907, 24.5227

### Deuteranopia

186.8450, -55.1396, 45.7399



## Tritanopia

195.2670, -8.0196, 52.3858

# Trichromacy



## Original Color

187.7480, -54.5988, 58.9800

## Protanomaly

186.7730, -52.6391, 37.0331

## Deuteranomaly

186.9920, -54.7191, 50.8730

## Tritanomaly

192.8100, -25.0493, 54.5406

# Monochromacy



## Original Color

187.7480, -54.5988, 58.9800

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.6810, -19.5627, 21.3278

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.7480, -54.5988, 58.9800 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, 175, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 77)  
}
```

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, 175, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 77) }
```

## Border

The CSS property to change the border of an element to YUV 187.7480, -54.5988, 58.9800 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, 175, 77) }
```



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

```
.border{ border-color:rgb(255, 175, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
77) }
```

# Background

The CSS property to change the background color of an element to YUV 187.7480, -54.5988, 58.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 77) }
```

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

```
.background{ background-color: rgb(255,  
175, 77) }
```

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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