

# Converting Colors

YUV(187.6170, -52.5622,  
59.0949)

Have a look what the booklet for  
YUV(187.6170, -52.5622, 59.0949)  
contains.

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# Color

**YUV(187.6170, -52.5622,  
59.0949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAE51
RGB	255, 174, 81
RGB Percent	100%, 68%, 32%
CMY	0.0000, 0.3176, 0.6824
CMYK	0.00, 0.32, 0.68, 0.00
HSL	32°, 100%, 66%
HSV	32°, 68%, 100%
XYZ	57.8613, 52.1262, 14.7963
YIQ	187.6170, 78.1290, -11.7510

# Conversions

## Conversions Part 2

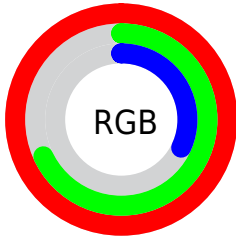
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 255, 81
Decimal	16756305
CIE Lab	77.36, 21.36, 58.14
CIE LCh	77, 61.936, 69.824
Yxy	52.1262, 0.4637, 0.4177
Android (android.graphics.Color)	4294946385 (0xFFFFAE51)
YUV	187.6170, -52.5622, 59.0949
Hunter-Lab	72.1985, 16.7061, 38.3881

# Details

The YUV color **187.6170, -52.5622, 59.0949** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **148.3830, 52.5622, -59.0949**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5310, -45.6178, 24.9673**, and **131.9970, -52.2565, 54.3766** is the 20% darker color. If you saturate the color by 10%, you get **177.7230, -60.0094, 67.7719**, and if you desaturate by 10%, it is **197.5110, -45.1149, 50.4179**.

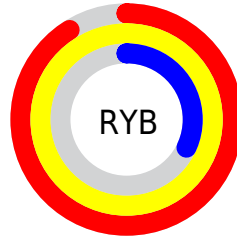
# Distribution



Red (100%)

Green (68%)

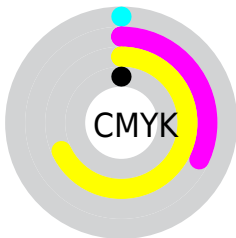
Blue (32%)



Red (91%)

Yellow (100%)

Blue (32%)

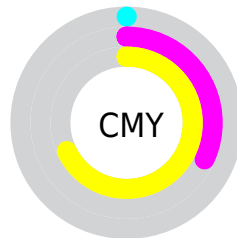


Cyan (0%)

Magenta (32%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.6170, -52.5622, 59.0949 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 187.6170, -52.5622, 59.0949 by changing the saturation by 10% instead.



187.6170,  
-52.5622, 59.0949

187.6170,  
-52.5622, 59.0949

255.0000, 0.0000,  
0.0000

159.5350,  
-51.5358, 56.5358

226.5310,  
-45.6178, 24.9673

131.9970,  
-52.2565, 54.3766

244.2840,  
-41.0590, 9.3979

105.9750,  
-52.2457, 50.8879

247.4760,  
-28.8287, 6.5985

82.9170, -40.8781,  
44.7998

250.6680,  
-16.5983, 3.7992

60.7450, -29.9473,  
38.8116

253.9740, -3.9312,  
0.8998

39.4590, -19.4533,  
32.9235

18.4720, -9.1067,

27.6501

■ 6.5780, -3.2430,  
13.5251

■ 0.0000, 0.0000,  
0.0000

■ 187.6170,  
-52.5622, 59.0949

■ 187.6170,  
-52.5622, 59.0949

■ 177.7230,  
-60.0094, 67.7719

■ 197.5110,  
-45.1149, 50.4179

■ 167.7150,  
-67.8935, 76.5489

■ 207.5190,  
-37.2309, 41.6408

■ 157.8210,  
-75.3408, 85.2260

■ 217.5270,  
-29.3468, 32.8638

■ 156.0770,  
-76.9460, 86.7555

■ 226.8340,  
-21.6102, 24.7016

■ 236.8420,  
-13.7261, 15.9246

■ 246.7360, -6.2788,  
7.2475

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.



179.7360, -29.4498, 66.0065



187.6170, -52.5622, 59.0949



183.2670, -55.3476, 19.0598

# Triad

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



187.6170, -52.5622, 59.0949



152.9660, 27.6248, -134.1512



193.4660, 30.3363, 23.2703

# Complementary

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



187.6170, -52.5622, 59.0949



148.3830, 52.5622, -59.0949

# 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.



177.3660, 38.2736, -49.4330



187.6170, -52.5622, 59.0949



156.4490, 48.5856, -137.2058

# Square

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



187.6170, -52.5622, 59.0949



155.7270, -3.3164, -103.2466



151.1660, 51.1902, -132.5726



188.9820, 21.2079, 57.8978



# Rectangle

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



187.6170, -52.5622, 59.0949



179.1860, -45.9407, -11.5641



151.1660, 51.1902, -132.5726



190.0890, 32.0011, 2.5529

# Sweetspot

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



187.6170, -52.5622, 59.0949



235.0980, -15.3313, 17.4541



142.2600, 9.7318, 98.8730



115.6610, -9.1999, 10.8213



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.



187.6170, -52.5622, 59.0949



174.2350, -63.2199, 70.8309



233.3700, -75.1184, 13.7075



122.9960, -3.9420, 4.3885



116.9830, -57.6726, 64.9129

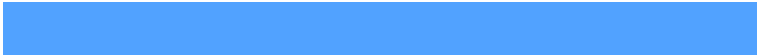


39.0940, -19.2733, 21.8426



# Inverse Universe

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



148.3830, 52.5622, -59.0949



126.7650, 63.2199, -70.8309



102.6300, 75.1184, -13.7075



120.0040, 3.9420, -4.3885



74.0170, 57.6726, -64.9129



24.9060, 19.2733, -21.8426



# Previews

## White Background



This preview shows how the YUV color 187.6170, -52.5622, 59.0949 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 187.6170, -52.5622, 59.0949 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 187.6170, -52.5622, 59.0949

## Background



This preview shows how black text looks on a background with the YUV color 187.6170, -52.5622, 59.0949.



This preview shows how white text looks on a background with the YUV color 187.6170, -52.5622, 59.0949.



# 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

187.6170, -52.5622, 59.0949

### Protanopia

186.1950, -49.3961, 23.5080

### Deuteranopia

187.0020, -53.2450, 44.7252



## Tritanopia

194.5660, -8.1670, 53.0006

# Trichromacy



## Original Color

187.6170, -52.5622, 59.0949

## Protanomaly

186.3430, -50.4551, 36.5332

## Deuteranomaly

187.1490, -52.8245, 49.8583

## Tritanomaly

192.3370, -24.3231, 54.9555

# Monochromacy



## Original Color

187.6170, -52.5622, 59.0949

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

187.7950, -19.1259, 21.2278

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.6170, -52.5622, 59.0949 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, 174, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 81)  
}
```

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, 174, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 81) }
```

## Border

The CSS property to change the border of an element to YUV 187.6170, -52.5622, 59.0949 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, 174, 81) }
```



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

```
.border{ border-color:rgb(255, 174, 81) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 187.6170, -52.5622, 59.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 81) }
```

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

```
.background{ background-color: rgb(255,  
174, 81) }
```

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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