

# Converting Colors

YUV(185.0840, -50.8204,  
60.4393)

Have a look what the booklet for  
YUV(185.0840, -50.8204, 60.4393)  
contains.

<b>YUV(185.0840, -50.8204, 60.4393)</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(185.0840, -50.8204,  
60.4393)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEAA52
RGB	254, 170, 82
RGB Percent	100%, 67%, 32%
CMY	0.0039, 0.3333, 0.6784
CMYK	0.00, 0.33, 0.68, 0.00
HSL	31°, 99%, 66%
HSV	31°, 68%, 100%
XYZ	56.7708, 50.4295, 14.7244
YIQ	185.0840, 78.3120, -9.5600

# Conversions

## Conversions Part 2

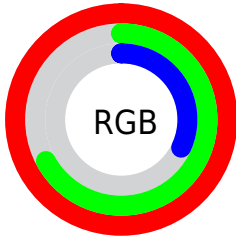
Format	Color
R <sub>Y</sub> B	246, 254, 82
Decimal	16689746
CIE Lab	76.33, 23.10, 56.54
CIE LCh	76, 61.072, 67.778
Yxy	50.4295, 0.4656, 0.4136
Android (android.graphics.Color)	4294879826 (0xFFFEAA52)
YUV	185.0840, -50.8204, 60.4393
Hunter-Lab	71.0137, 18.4249, 37.4161

# Details

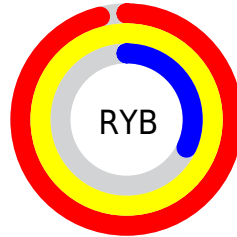
The YUV color **185.0840, -50.8204, 60.4393** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **150.9160, 50.8204, -60.4393**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7100, -43.7340, 27.4413**, and **130.2790, -49.9305, 55.0063** is the 20% darker color. If you saturate the color by 10%, you get **175.1900, -58.2677, 69.1164**, and if you desaturate by 10%, it is **194.9780, -43.3732, 51.7623**.

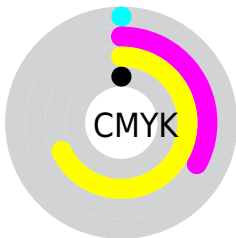
# Distribution



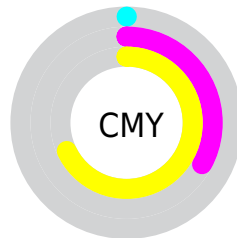
- Red (100%)
- Green (67%)
- Blue (32%)



- Red (96%)
- Yellow (100%)
- Blue (32%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.0840, -50.8204, 60.4393 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 185.0840, -50.8204, 60.4393 by changing the saturation by 10% instead.



185.0840,  
-50.8204, 60.4393

185.0840,  
-50.8204, 60.4393

255.0000, 0.0000,  
0.0000

157.0020,  
-49.7940, 57.8802

223.7100,  
-43.7340, 27.4413

130.2790,  
-49.9305, 55.0063

243.8110,  
-40.3328, 9.8128

103.3280,  
-50.9407, 52.3323

247.5900,  
-28.3919, 6.4986

80.2700, -39.5731,  
46.2442

250.7820,  
-16.1615, 3.6992

58.0980, -28.6423,  
40.2561

254.0880, -3.4944,  
0.7998

36.8120, -18.1483,  
34.3679

15.8250, -7.8017,

29.0945

■ 5.0830, -2.5059,  
10.4512

■ 0.0000, 0.0000,  
0.0000

■ 185.0840,  
-50.8204, 60.4393

■ 185.0840,  
-50.8204, 60.4393

■ 175.1900,  
-58.2677, 69.1164

■ 194.9780,  
-43.3732, 51.7623

■ 164.5950,  
-65.8623, 78.4082

■ 205.5730,  
-35.7785, 42.4705

■ 154.7010,  
-73.3096, 87.0852

■ 215.4670,  
-28.3312, 33.7934

■ 152.2560,  
-75.0622, 89.2295

■ 226.0620,  
-20.7366, 24.5016

■ 235.9560,  
-13.2893, 15.8246

■ 245.8500, -5.8420,  
7.1476

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



177.6160, -27.4187, 67.8658



185.0840, -50.8204, 60.4393



181.1040, -54.7743, 21.8338

# Triad

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



185.0840, -50.8204, 60.4393



149.8200, 25.7247, -131.3921



190.1880, 31.9523, 18.2521

# Complementary

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



185.0840, -50.8204, 60.4393



150.9160, 50.8204, -60.4393

# 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.



173.4900, 40.1844, -55.6807



185.0840, -50.8204, 60.4393



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.



185.0840, -50.8204, 60.4393



156.8810, -6.8433, -91.9806



149.9920, 51.7689, -131.5430



188.3950, 21.4973, 58.4126



# Rectangle

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



185.0840, -50.8204, 60.4393



177.0940, -46.3883, -7.9754



149.9920, 51.7689, -131.5430



186.8110, 33.6172, -2.4652

# Sweetspot

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



185.0840, -50.8204, 60.4393



234.5110, -15.0419, 17.9689



143.2320, 12.2106, 97.1435



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.



185.0840, -50.8204, 60.4393



172.1150, -61.1887, 72.6901



234.3920, -75.1293, 17.1962



122.4090, -3.6526, 4.9033



114.6350, -56.5151, 66.9721

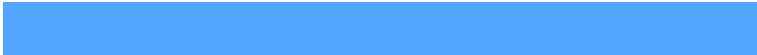


38.5070, -18.9840, 22.3574



# Inverse Universe

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



150.9160, 50.8204, -60.4393



130.8850, 61.1887, -72.6901



101.6080, 75.1293, -17.1962



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721



25.4930, 18.9840, -22.3574



# Previews

## White Background



This preview shows how the YUV color 185.0840, -50.8204, 60.4393 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 185.0840, -50.8204, 60.4393 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 185.0840, -50.8204, 60.4393

## Background



This preview shows how black text looks on a background with the YUV color 185.0840, -50.8204, 60.4393.



This preview shows how white text looks on a background with the YUV color 185.0840, -50.8204,



# 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

185.0840, -50.8204, 60.4393

### Protanopia

183.4660, -47.0647, 22.3933

### Deuteranopia

184.1590, -51.3504, 43.7106



## Tritanopia

191.7620, -8.7567, 55.4597

# Trichromacy



## Original Color

185.0840, -50.8204, 60.4393

## Protanomaly

183.9130, -48.2711, 36.0333

## Deuteranomaly

184.6050, -51.0773, 49.4584

## Tritanomaly

189.7610, -24.0392, 57.2146

# Monochromacy



## Original Color

185.0840, -50.8204, 60.4393

## Achromatopsia

185.0000, 0.0000, 0.0000

## Achromatomaly

185.3220, -18.3997, 21.6426

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.0840, -50.8204, 60.4393 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(254, 170, 82)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 82)  
}
```

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(254, 170, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 82) }
```

## Border

The CSS property to change the border of an element to YUV 185.0840, -50.8204, 60.4393 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(254, 170, 82) }
```



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

```
.border{ border-color:rgb(254, 170, 82) }
```

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

Here you see how a box with a 4 pixel rgb(254, 170, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 82);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
82) }
```

# Background

The CSS property to change the background color of an element to YUV 185.0840, -50.8204, 60.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 170, 82) }
```

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

```
.background{ background-color: rgb(254,  
170, 82) }
```

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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