

# Converting Colors

YUV(185.7740, -33.9056,  
48.4332)

Have a look what the booklet for  
YUV(185.7740, -33.9056, 48.4332)  
contains.

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# Color

**YUV(185.7740, -33.9056,  
48.4332)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1AB75
RGB	241, 171, 117
RGB Percent	95%, 67%, 46%
CMY	0.0549, 0.3294, 0.5412
CMYK	0.00, 0.29, 0.51, 0.05
HSL	26°, 82%, 70%
HSV	26°, 51%, 95%
XYZ	54.0494, 49.1109, 23.4603
YIQ	185.7740, 59.0540, -1.9540

# Conversions

## Conversions Part 2

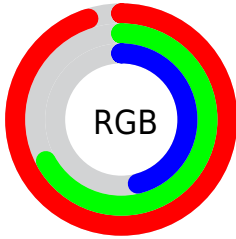
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 213, 117
Decimal	15838069
CIE <sub>Lab</sub>	75.52, 19.76, 37.89
CIE <sub>LCh</sub>	76, 42.735, 62.462
Yxy	49.1109, 0.4269, 0.3879
Android (android.graphics.Color)	4294028149 (0xFFFF1AB75)
YUV	185.7740, -33.9056, 48.4332
Hunter-Lab	70.0792, 15.0317, 29.2071

# Details

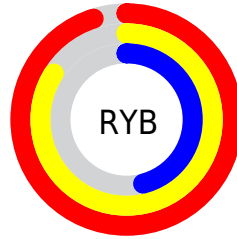
The YUV color **185.7740, -33.9056, 48.4332** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **172.2260, 33.9056, -48.4332**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2870, -28.7355, 23.4273**, and **131.9090, -32.0001, 43.9298** is the 20% darker color. If you saturate the color by 10%, you get **174.8200, -40.3373, 58.0399**, and if you desaturate by 10%, it is **196.7280, -27.4739, 38.8265**.

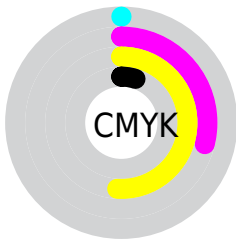
# Distribution



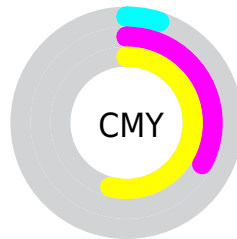
- Red (95%)
- Green (67%)
- Blue (46%)



- Red (95%)
- Yellow (84%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 185.7740, -33.9056, 48.4332 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 185.7740, -33.9056, 48.4332 by changing the saturation by 10% instead.



185.7740,  
-33.9056, 48.4332

185.7740,  
-33.9056, 48.4332

255.0000, 0.0000,  
0.0000

158.1050,  
-32.5898, 46.3889

228.2870,  
-28.7355, 23.4273

131.9090,  
-32.0001, 43.9298

248.3880,  
-25.3343, 5.7987

105.9410,  
-30.5369, 41.2707

251.6940,  
-12.6671, 2.8994

80.7450, -29.9473,  
38.8116

254.8860, -0.4368,  
0.1000

56.5920, -27.8999,  
35.4378

35.6050, -17.5533,  
30.1644

14.9170, -7.3541,

25.5058

■ 0.2990, -0.1474,  
0.6148

■ 0.0000, 0.0000,  
0.0000

■ 185.7740,  
-33.9056, 48.4332

■ 185.7740,  
-33.9056, 48.4332

■ 174.8200,  
-40.3373, 58.0399

■ 196.7280,  
-27.4739, 38.8265

■ 164.4530,  
-47.0583, 67.1317


■ 207.0950,  
-20.7528, 29.7347

■ 153.4990,  
-53.4900, 76.7384

■ 218.0490,  
-14.3212, 20.1280


■ 143.1320,  
-60.2111, 85.8302

■ 228.4160, -7.6001,  
11.0362

 133.6940,  
-65.9111, 94.1074

 239.3700, -1.1684,  
1.4295

 249.6400, 2.6425,  
-7.5773

 250.8140, 2.0637,  
-8.6069

# Harmonies

## Analogous

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



186.2220, -19.8294, 60.3183



185.7740, -33.9056, 48.4332



182.8710, -37.8974, 22.0381

# Triad

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



185.7740, -33.9056, 48.4332



160.2830, 13.6645, -89.7022



189.8720, 31.1221, 4.4973

# Complementary

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



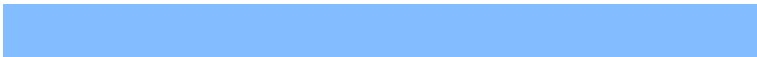
185.7740, -33.9056, 48.4332



172.2260, 33.9056, -48.4332

# 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.



179.4810, 37.2309, -41.6408



185.7740, -33.9056, 48.4332



146.8000, 39.5386, -128.7436

# Square

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



185.7740, -33.9056, 48.4332



172.2010, -11.9311, -46.6573



161.7190, 45.9875, -97.1006



191.0910, 15.7311, 41.1392



# Rectangle

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



185.7740, -33.9056, 48.4332



180.4770, -33.7592, 1.3357



161.7190, 45.9875, -97.1006



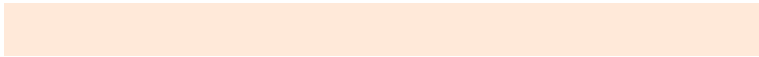
187.3540, 33.3495, -9.9575

# Sweetspot

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



185.7740, -33.9056, 48.4332



237.7540, -10.2317, 15.1247



162.0560, 12.2974, 69.2339



117.7470, -6.2843, 8.9919



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.



185.7740, -33.9056, 48.4332



184.7450, -43.2583, 61.6136



222.1680, -51.8478, 16.5157



114.5230, -3.2158, 4.8033



101.9760, -50.2742, 71.9350



30.8320, -15.2002, 22.0723



# Inverse Universe

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



172.2260, 33.9056, -48.4332



167.2550, 43.2583, -61.6136



135.8320, 51.8478, -16.5157



113.4770, 3.2158, -4.8033



82.0240, 50.2742, -71.9350



25.1680, 15.2002, -22.0723



# Previews

## White Background



This preview shows how the YUV color 185.7740, -33.9056, 48.4332 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

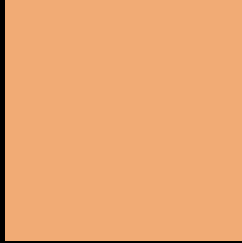
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 185.7740, -33.9056, 48.4332 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

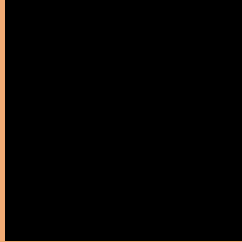
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 185.7740, -33.9056, 48.4332

## Background



This preview shows how black text looks on a background with the YUV color 185.7740, -33.9056, 48.4332.



This preview shows how white text looks on a background with the YUV color 185.7740, -33.9056,

48.4332.

# 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

185.7740, -33.9056, 48.4332

### Protanopia

183.6020, -29.8768, 16.1350

### Deuteranopia

184.9850, -34.0096, 35.0932



## Tritanopia

189.8860, -6.8458, 49.2120

# Trichromacy



## Original Color

185.7740, -33.9056, 48.4332

## Protanomaly

184.6250, -31.3671, 27.5159

## Deuteranomaly

185.0180, -34.0259, 40.3262

## Tritanomaly

188.6550, -16.5919, 48.5376

# Monochromacy



## Original Color

185.7740, -33.9056, 48.4332

## Achromatopsia

186.0000, 0.0000, 0.0000

## Achromatomaly

186.1950, -12.4211, 17.3690

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 185.7740, -33.9056, 48.4332 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(241, 171, 117)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 117)  
}
```

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(241, 171, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 117) }
```

## Border

The CSS property to change the border of an element to YUV 185.7740, -33.9056, 48.4332 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(241, 171, 117) }
```



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

```
.border{ border-color:rgb(241, 171, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 171, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 117);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 185.7740, -33.9056, 48.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 117) }
```

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

```
.background{ background-color: rgb(241,  
171, 117) }
```

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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