

# Converting Colors

YUV(190.4750, -33.7582,  
47.8184)

Have a look what the booklet for  
YUV(190.4750, -33.7582, 47.8184)  
contains.

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# Color

**YUV(190.4750, -33.7582,  
47.8184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B07A
RGB	245, 176, 122
RGB Percent	96%, 69%, 48%
CMY	0.0392, 0.3098, 0.5216
CMYK	0.00, 0.28, 0.50, 0.04
HSL	26°, 86%, 72%
HSV	26°, 50%, 96%
XYZ	56.6944, 51.8683, 25.4358
YIQ	190.4750, 58.4580, -2.1660

# Conversions

## Conversions Part 2

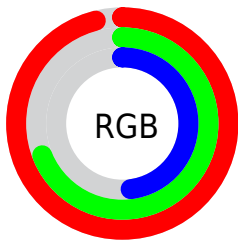
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 218, 122
Decimal	16101498
CIE <sub>Lab</sub>	77.20, 19.16, 37.52
CIE <sub>LCh</sub>	77, 42.126, 62.948
Yxy	51.8683, 0.4231, 0.3871
Android (android.graphics.Color)	4294291578 (0xFFFF5B07A)
YUV	190.4750, -33.7582, 47.8184
Hunter-Lab	72.0196, 14.4821, 29.4738

# Details

The YUV color **190.4750, -33.7582, 47.8184** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **176.5250, 33.7582, -47.8184**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3790, -28.2878, 19.8386**, and **136.0230, -31.5633, 43.8298** is the 20% darker color. If you saturate the color by 10%, you get **179.5210, -40.1899, 57.4251**, and if you desaturate by 10%, it is **201.5430, -26.8897, 38.1118**.

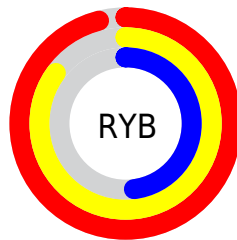
# Distribution



Red (96%)

Green (69%)

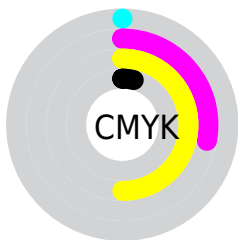
Blue (48%)



Red (96%)

Yellow (85%)

Blue (48%)

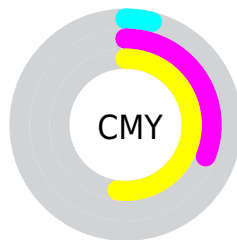


Cyan (0%)

Magenta (28%)

Yellow (50%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.4750, -33.7582, 47.8184 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 190.4750, -33.7582, 47.8184 by changing the saturation by 10% instead.



190.4750,  
-33.7582, 47.8184

190.4750,  
-33.7582, 47.8184

255.0000, 0.0000,  
0.0000

162.8060,  
-32.4424, 45.7741

232.3790,  
-28.2878, 19.8386

136.0230,  
-31.5633, 43.8298

249.0720,  
-22.7135, 5.1989

109.9410,  
-30.5369, 41.2707

252.2640,  
-10.4832, 2.3995

84.8590, -29.5105,  
38.7117

60.1360, -29.6470,  
35.8377

39.1490, -19.3005,  
30.5643

19.0480, -9.3907,

25.3909

■ 5.0830, -2.5059,  
10.4512

■ 0.0000, 0.0000,  
0.0000

■ 190.4750,  
-33.7582, 47.8184

■ 190.4750,  
-33.7582, 47.8184

■ 179.5210,  
-40.1899, 57.4251

■ 201.5430,  
-26.8897, 38.1118

■ 169.0400,  
-47.3477, 66.6169

■ 211.9100,  
-20.1686, 29.0199

■ 157.9720,  
-54.2162, 76.3236

■ 222.9780,  
-13.3002, 19.3133

■ 147.0180,  
-60.6479, 85.9302

■ 233.9320, -6.8685,  
9.7066

136.6510,  
-67.3689, 95.0221

245.0000, 0.0000,  
0.0000

252.0100, 1.4741,  
-6.1478

# Harmonies

## Analogous

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



189.6130, -19.5292, 57.3444



190.4750, -33.7582, 47.8184



187.6860, -37.3132, 21.3234

# Triad

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



190.4750, -33.7582, 47.8184



165.8920, 13.3642, -86.7283



193.9430, 30.1011, 5.3120

# Complementary

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



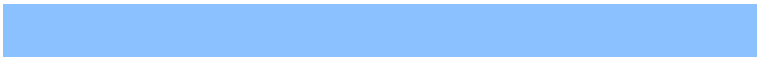
190.4750, -33.7582, 47.8184



176.5250, 33.7582, -47.8184

# 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.



184.2210, 34.8940, -38.7818



190.4750, -33.7582, 47.8184



149.7180, 40.5650, -131.3027

# Square

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



190.4750, -33.7582, 47.8184



176.7280, -11.2049, -46.2425



168.5520, 42.6189, -89.9381



195.9770, 15.2943, 41.2392



# Rectangle

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



190.4750, -33.7582, 47.8184



185.1780, -33.6118, 0.7209



168.5520, 42.6189, -89.9381



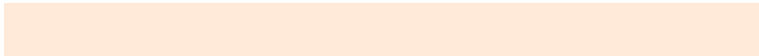
191.4960, 31.3075, -8.3280

# Sweetspot

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



190.4750, -33.7582, 47.8184



238.3410, -10.5211, 14.6099



166.7570, 12.4448, 68.6191



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.



190.4750, -33.7582, 47.8184



187.0760, -41.9425, 59.5693



226.2820, -51.4110, 16.4157



117.1100, -3.5052, 4.2885



103.7480, -51.1478, 72.1350



32.9030, -16.2212, 22.8871



# Inverse Universe

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



176.5250, 33.7582, -47.8184



169.9240, 41.9425, -59.5693



140.7180, 51.4110, -16.4157



115.4770, 3.2158, -4.8033



82.2520, 51.1478, -72.1350



26.0970, 16.2212, -22.8871



# Previews

## White Background



This preview shows how the YUV color 190.4750, -33.7582, 47.8184 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

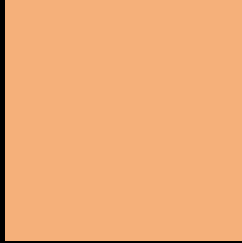
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.4750, -33.7582, 47.8184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

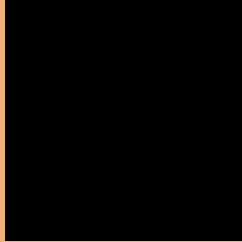
Any Text WCAG AA ✓ Pass

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 190.4750, -33.7582, 47.8184 Background



This preview shows how black text looks on a background with the YUV color 190.4750, -33.7582, 47.8184.



This preview shows how white text looks on a background with the YUV color 190.4750, -33.7582, 47.8184.



# 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

190.4750, -33.7582, 47.8184

### Protanopia

188.6020, -29.8768, 16.1350

### Deuteranopia

189.3980, -33.7202, 35.6080



## Tritanopia

194.0000, -6.4090, 49.1120

# Trichromacy



## Original Color

190.4750, -33.7582, 47.8184

## Protanomaly

189.6250, -31.3671, 27.5159

## Deuteranomaly

189.7190, -33.8785, 39.7114

## Tritanomaly

192.7690, -16.1551, 48.4376

# Monochromacy



## Original Color

190.4750, -33.7582, 47.8184

## Achromatopsia

190.0000, 0.0000, 0.0000

## Achromatomaly

190.1950, -12.4211, 17.3690

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.4750, -33.7582, 47.8184 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(245, 176, 122)` looks like.

```
.text, #text, p{  
    color:rgb(245, 176, 122)  
}
```

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(245, 176, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 176, 122) }
```

## Border

The CSS property to change the border of an element to YUV 190.4750, -33.7582, 47.8184 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(245, 176, 122) }
```



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

```
.border{ border-color:rgb(245, 176, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 176, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 176, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 176, 122); box-shadow:4px 4px 4px 4px rgb(245, 176, 122) }
```

# Background

The CSS property to change the background color of an element to YUV 190.4750, -33.7582, 47.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 176, 122) }
```

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

```
.background{ background-color: rgb(245,  
176, 122) }
```

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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