

# Converting Colors

YUV(182.7310, -55.5764,  
45.8399)

Have a look what the booklet for  
YUV(182.7310, -55.5764, 45.8399)  
contains.

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# Color

**YUV(182.7310, -55.5764,  
45.8399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB246
RGB	235, 178, 70
RGB Percent	92%, 70%, 27%
CMY	0.0784, 0.3020, 0.7255
CMYK	0.00, 0.24, 0.70, 0.08
HSL	39°, 80%, 60%
HSV	39°, 70%, 92%
XYZ	51.2868, 49.9452, 12.7316
YIQ	182.7310, 68.6400, -21.5040

# Conversions

## Conversions Part 2

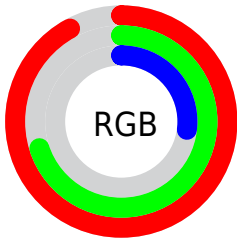
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 235, 70</a>
Decimal	<a href="#">15446598</a>
<a href="#">CIELab</a>	<a href="#">76.04, 10.36, 60.88</a>
<a href="#">CIELCh</a>	<a href="#">76, 61.757, 80.347</a>
<a href="#">Yxy</a>	<a href="#">49.9452, 0.4500, 0.4383</a>
Android (android.graphics.Color)	<a href="#">4293636678</a> (0xFFEBB246)
<a href="#">YUV</a>	<a href="#">182.7310, -55.5764, 45.8399</a>
<a href="#">Hunter-Lab</a>	<a href="#">70.6719, 5.8623, 38.7892</a>

# Details

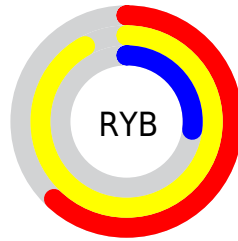
The YUV color **182.7310, -55.5764, 45.8399** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **122.2690, 55.5764, -45.8399**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7390, -51.1433, 23.9079**, and **126.8570, -60.0755, 42.2214** is the 20% darker color. If you saturate the color by 10%, you get **175.4130, -63.3076, 52.2578**, and if you desaturate by 10%, it is **190.1630, -47.4084, 39.3220**.

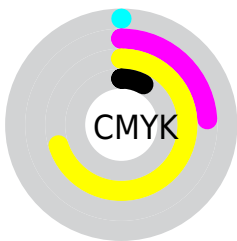
# Distribution



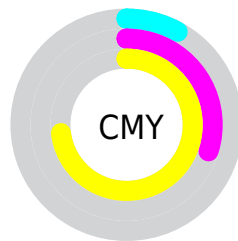
- Red (92%)
- Green (70%)
- Blue (27%)



- Red (62%)
- Yellow (92%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 182.7310, -55.5764, 45.8399 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 182.7310, -55.5764, 45.8399 by changing the saturation by 10% instead.



182.7310,  
-55.5764, 45.8399

182.7310,  
-55.5764, 45.8399

255.0000, 0.0000,  
0.0000

154.7200,  
-55.5710, 44.0956

227.7390,  
-51.1433, 23.9079

126.8570,  
-60.0755, 42.2214

243.1440,  
-45.4270, 10.3977

102.9410,  
-50.7499, 37.7627

246.3360,  
-33.1966, 7.5983

80.1820, -39.5297,  
32.2894

249.5280,  
-20.9663, 4.7989

58.3090, -28.7463,  
26.9160

252.8340, -8.2992,  
1.8996

37.9090, -18.6891,  
21.1278

18.6940, -9.2161,

16.0544

■ 0.0000, 0.0000,  
0.0000

■ 182.7310,  
-55.5764, 45.8399

■ 182.7310,  
-55.5764, 45.8399

■ 175.4130,  
-63.3076, 52.2578

■ 190.1630,  
-47.4084, 39.3220

■ 167.9810,  
-71.4756, 58.7757

■ 197.4810,  
-39.6771, 32.9042

■ 160.6630,  
-79.2069, 65.1935

■ 204.9130,  
-31.5091, 26.3863

■ 212.2310,  
-23.7779, 19.9684

■ 220.1360,  
-16.3360, 13.0357

■ 227.5680, -8.1680,  
6.5179

■ 235.0000, 0.0000,  
0.0000

■ 241.9760, 6.4208,  
-6.1180

■ 246.6720, 4.1057,  
-10.2363

# Harmonies

## Analogous

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



179.3310, -38.6172, 66.3617



182.7310, -55.5764, 45.8399



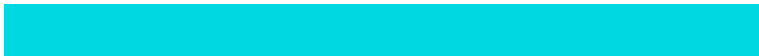
177.6070, -51.0783, 2.9757

# Triad

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



182.7310, -55.5764, 45.8399



152.4420, 35.7711, -133.6916



192.6900, 30.7188, 40.6139

# Complementary

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



182.7310, -55.5764, 45.8399



122.2690, 55.5764, -45.8399

# 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.



182.2710, 35.8554, -20.4087



182.7310, -55.5764, 45.8399



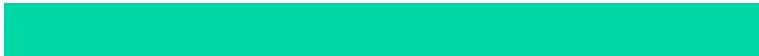
152.9270, 50.3220, -134.1170

# Square

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



182.7310, -55.5764, 45.8399



145.1290, 10.2894, -127.2781



145.8830, 53.7947, -127.9394



181.5500, 13.0399, 64.4157



# Rectangle

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



182.7310, -55.5764, 45.8399



172.8400, -37.8821, -29.6777



145.8830, 53.7947, -127.9394



190.2210, 31.9360, 23.4852

# Sweetspot

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



182.7310, -55.5764, 45.8399



238.2780, -18.3781, 14.6652



125.9470, 1.0121, 95.6395



117.3080, -10.5048, 9.3769



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.



182.7310, -55.5764, 45.8399



187.1660, -72.0598, 59.4904



208.7150, -68.3865, 1.1269



113.3980, -3.6472, 3.1590



123.9720, -61.1182, 50.0136



36.6910, -18.0887, 15.1800



# Inverse Universe

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



122.2690, 55.5764, -45.8399



108.8340, 72.0598, -59.4904



96.2850, 68.3865, -1.1269



109.6020, 3.6472, -3.1590



57.6150, 60.8288, -50.5284



16.7220, 18.3781, -14.6652



# Previews

## White Background



This preview shows how the YUV color 182.7310, -55.5764, 45.8399 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 182.7310, -55.5764, 45.8399 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 182.7310, -55.5764, 45.8399

## Background



This preview shows how black text looks on a background with the YUV color 182.7310, -55.5764, 45.8399.



This preview shows how white text looks on a background with the YUV color 182.7310, -55.5764,



# 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

182.7310, -55.5764, 45.8399

### Protanopia

181.1690, -53.3273, 24.4078

### Deuteranopia

182.4320, -55.4290, 45.2251



## Tritanopia

191.2060, -5.5246, 45.4233

# Trichromacy



## Original Color

182.7310, -55.5764, 45.8399

## Protanomaly

181.3980, -53.9332, 32.1000

## Deuteranomaly

182.4320, -55.4290, 45.2251

## Tritanomaly

188.0970, -23.7118, 45.5189

# Monochromacy



## Original Color

182.7310, -55.5764, 45.8399

## Achromatopsia

183.0000, 0.0000, 0.0000

## Achromatomaly

182.8330, -20.1307, 16.8095

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 182.7310, -55.5764, 45.8399 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(235, 178, 70)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 70)  
}
```

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(235, 178, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 70) }
```

## Border

The CSS property to change the border of an element to YUV 182.7310, -55.5764, 45.8399 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(235, 178, 70) }
```



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

```
.border{ border-color:rgb(235, 178, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 178, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 70);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 182.7310, -55.5764, 45.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 70) }
```

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

```
.background{ background-color: rgb(235,  
178, 70) }
```

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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