

# Converting Colors

YUV(183.4320, -55.4290,  
45.2251)

Have a look what the booklet for  
YUV(183.4320, -55.4290, 45.2251)  
contains.

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# Color

**YUV(183.4320, -55.4290,  
45.2251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB347
RGB	235, 179, 71
RGB Percent	92%, 70%, 28%
CMY	0.0784, 0.2980, 0.7216
CMYK	0.00, 0.24, 0.70, 0.08
HSL	40°, 80%, 60%
HSV	40°, 70%, 92%
XYZ	51.5184, 50.3573, 12.9659
YIQ	183.4320, 68.0440, -21.7160

# Conversions

## Conversions Part 2

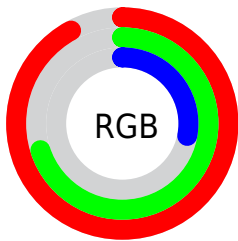
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 235, 71
Decimal	15446855
CIELab	76.29, 9.88, 60.72
CIELCh	76, 61.520, 80.759
Yxy	50.3573, 0.4486, 0.4385
Android (android.graphics.Color)	4293636935 (0xFFEBB347)
YUV	183.4320, -55.4290, 45.2251
Hunter-Lab	70.9629, 5.4043, 38.8409

# Details

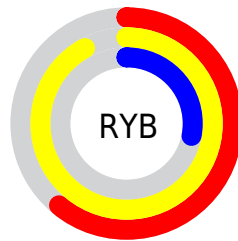
The YUV color **183.4320, -55.4290, 45.2251** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **122.5680, 55.4290, -45.2251**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4400, -50.9959, 23.2931**, and **127.6720, -59.4913, 41.5067** is the 20% darker color. If you saturate the color by 10%, you get **176.1140, -63.1602, 51.6430**, and if you desaturate by 10%, it is **190.7500, -47.6977, 38.8073**.

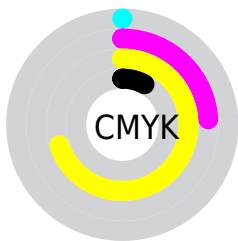
# Distribution



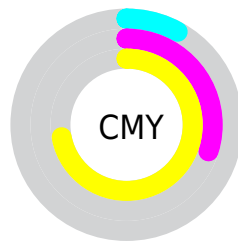
- Red (92%)
- Green (70%)
- Blue (28%)



- Red (61%)
- Yellow (92%)
- Blue (28%)



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



- Cyan (8%)
- Magenta (30%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.4320, -55.4290, 45.2251 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 183.4320, -55.4290, 45.2251 by changing the saturation by 10% instead.



183.4320,  
-55.4290, 45.2251

183.4320,  
-55.4290, 45.2251

255.0000, 0.0000,  
0.0000

155.4210,  
-55.4236, 43.4808

228.4400,  
-50.9959, 23.2931

127.6720,  
-59.4913, 41.5067

243.2580,  
-44.9902, 10.2977

103.5280,  
-51.0393, 37.2479

246.4500,  
-32.7599, 7.4983

80.7690, -39.8191,  
31.7746

249.6420,  
-20.5295, 4.6990

58.8960, -29.0357,  
26.4012

252.9480, -7.8624,  
1.7996

38.4960, -18.9785,  
20.6130

19.2810, -9.5055,

15.5396

■ 0.0000, 0.0000,  
0.0000

■ 183.4320,  
-55.4290, 45.2251

■ 183.4320,  
-55.4290, 45.2251

■ 176.1140,  
-63.1602, 51.6430

■ 190.7500,  
-47.6977, 38.8073

■ 168.6820,  
-71.3282, 58.1609

■ 198.1820,  
-39.5297, 32.2894

■ 161.2500,  
-79.4963, 64.6787

■ 205.5000,  
-31.7985, 25.8715

■ 212.9320,  
-23.6305, 19.3536

■ 220.2500,  
-15.8993, 12.9358

■ 227.6820, -7.7312,  
6.4179

■ 235.1140, 0.4368,  
-0.1000

■ 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.



180.0320, -38.4698, 65.7469



183.4320, -55.4290, 45.2251



178.3080, -50.9308, 2.3609

# Triad

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



183.4320, -55.4290, 45.2251



152.6700, 36.6447, -133.8916



193.2880, 30.4240, 41.8434

# Complementary

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



183.4320, -55.4290, 45.2251



122.5680, 55.4290, -45.2251

# 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.



182.8690, 35.5606, -19.1791



183.4320, -55.4290, 45.2251



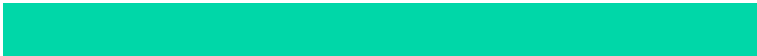
152.9270, 50.3220, -134.1170

# Square

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



183.4320, -55.4290, 45.2251



145.3570, 11.1630, -127.4781



146.4700, 53.5053, -128.4542



182.1370, 12.7505, 63.9009



# Rectangle

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



183.4320, -55.4290, 45.2251



173.6550, -37.2979, -30.3924



146.4700, 53.5053, -128.4542



191.4060, 31.3518, 24.1999

# Sweetspot

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



183.4320, -55.4290, 45.2251



238.2780, -18.3781, 14.6652



126.5340, 0.7227, 95.1247



117.8950, -10.7942, 8.8621



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.



183.4320, -55.4290, 45.2251



187.7530, -72.3492, 58.9756



208.8290, -67.9497, 1.0270



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.



122.5680, 55.4290, -45.2251



108.2470, 72.3492, -58.9756



97.1710, 67.9497, -1.0270



109.6020, 3.6472, -3.1590



57.0280, 61.1182, -50.0136



16.7220, 18.3781, -14.6652



# Previews

## White Background



This preview shows how the YUV color 183.4320, -55.4290, 45.2251 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 183.4320, -55.4290, 45.2251 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 183.4320, -55.4290, 45.2251 Background



This preview shows how black text looks on a background with the YUV color 183.4320, -55.4290, 45.2251.



This preview shows how white text looks on a background with the YUV color 183.4320, -55.4290,



# 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

183.4320, -55.4290, 45.2251

### Protanopia

182.1690, -53.3273, 24.4078

### Deuteranopia

183.4320, -55.4290, 45.2251



## Tritanopia

191.9070, -5.3772, 44.8086

# Trichromacy



**Original Color**

183.4320, -55.4290, 45.2251

**Protanomaly**

182.3980, -53.9332, 32.1000

**Deuteranomaly**

183.4320, -55.4290, 45.2251

**Tritanomaly**

188.7980, -23.5644, 44.9042

# Monochromacy



**Original Color**

183.4320, -55.4290, 45.2251

**Achromatopsia**

183.0000, 0.0000, 0.0000

**Achromatomaly**

183.4200, -20.4201, 16.2947

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.4320, -55.4290, 45.2251 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, 179, 71)` looks like.

```
.text, #text, p{  
    color:rgb(235, 179, 71)  
}
```

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, 179, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 179, 71) }
```

## Border

The CSS property to change the border of an element to YUV 183.4320, -55.4290, 45.2251 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, 179, 71) }
```



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

```
.border{ border-color:rgb(235, 179, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 179, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 179, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 179, 71);  
box-shadow:4px 4px 4px 4px rgb(235, 179,  
71) }
```

# Background

The CSS property to change the background color of an element to YUV 183.4320, -55.4290, 45.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 179, 71) }
```

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

```
.background{ background-color: rgb(235,  
179, 71) }
```

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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