

# Converting Colors

YUV(195.6750, -67.3808,  
52.0280)

Have a look what the booklet for  
YUV(195.6750, -67.3808, 52.0280)  
contains.

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# Color

**YUV(195.6750, -67.3808,  
52.0280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC03B
RGB	255, 192, 59
RGB Percent	100%, 75%, 23%
CMY	0.0000, 0.2471, 0.7686
CMYK	0.00, 0.25, 0.77, 0.00
HSL	41°, 100%, 62%
HSV	41°, 77%, 100%
XYZ	60.8791, 59.2750, 12.3702
YIQ	195.6750, 80.2410, -28.0070

# Conversions

## Conversions Part 2

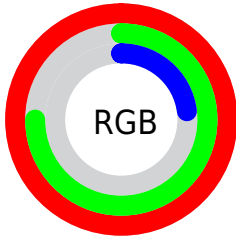
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 255, 59
Decimal	16760891
CIELab	81.44, 10.99, 71.14
CIELCh	81, 71.983, 81.217
Yxy	59.2750, 0.4594, 0.4473
Android (android.graphics.Color)	4294950971 (0xFFFFC03B)
YUV	195.6750, -67.3808, 52.0280
Hunter-Lab	76.9903, 6.4135, 44.3669

# Details

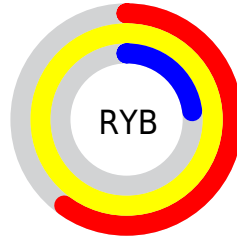
The YUV color **195.6750, -67.3808, 52.0280** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **118.3250, 67.3808, -52.0280**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9310, -59.1260, 17.6005**, and **139.3000, -68.6749, 47.0949** is the 20% darker color. If you saturate the color by 10%, you get **188.0150, -76.4224, 58.7458**, and if you desaturate by 10%, it is **203.3350, -58.3392, 45.3102**.

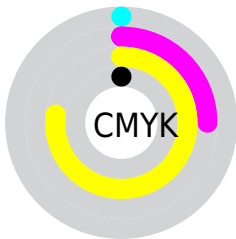
# Distribution



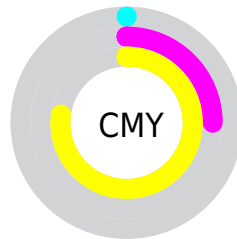
- Red (100%)
- Green (75%)
- Blue (23%)



- Red (60%)
- Yellow (100%)
- Blue (23%)



- Cyan (0%)
- Magenta (25%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.6750, -67.3808, 52.0280 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 195.6750, -67.3808, 52.0280 by changing the saturation by 10% instead.



195.6750,  
-67.3808, 52.0280

195.6750,  
-67.3808, 52.0280

255.0000, 0.0000,  
0.0000

166.6810,  
-69.8487, 50.2688

234.9310,  
-59.1260, 17.6005

139.3000,  
-68.6749, 47.0949

242.2320,  
-48.9214, 11.1975

115.6550,  
-57.0179, 41.5216

245.4240,  
-36.6910, 8.3982

92.3090, -45.5083,  
36.5630

248.7300,  
-24.0239, 5.4988

70.1370, -34.5775,  
30.5749

252.0360,  
-11.3567, 2.5994

48.8510, -24.0835,  
24.6867

29.3370, -14.4631,

18.9985

■ 8.0730, -3.9800,  
16.5990

■ 0.0000, 0.0000,  
0.0000

■ 195.6750,  
-67.3808, 52.0280

■ 195.6750,  
-67.3808, 52.0280

■ 188.0150,  
-76.4224, 58.7458

■ 203.3350,  
-58.3392, 45.3102

■ 180.4690,  
-85.0272, 65.3637

■ 210.8810,  
-49.7343, 38.6924

■ 177.7960,  
-87.6534, 67.7079

■ 219.1280,  
-40.9821, 31.4597

■ 226.6740,  
-32.3773, 24.8419

■ 234.3340,  
-23.3357, 18.1241

■ 241.8800,  
-14.7308, 11.5062

■ 249.5400, -5.6892,  
4.7884

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



184.2720, -42.5321, 62.0285



195.6750, -67.3808, 52.0280



189.8490, -61.5506, 1.8864

# Triad

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



195.6750, -67.3808, 52.0280



166.3310, 40.7558, -145.8723



201.5830, 26.3346, 46.8467

# Complementary

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



195.6750, -67.3808, 52.0280



118.3250, 67.3808, -52.0280

# 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.



192.5930, 30.7667, -21.5681



195.6750, -67.3808, 52.0280



163.4930, 45.1130, -143.3834

# Square

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



195.6750, -67.3808, 52.0280



157.8780, 10.9061, -138.4590



155.8620, 48.8750, -136.6910



185.2490, 19.5972, 61.1716



# Rectangle

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



195.6750, -67.3808, 52.0280



183.5910, -43.6754, -38.2293



155.8620, 48.8750, -136.6910



202.6690, 25.7992, 31.8623

# Sweetspot

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



195.6750, -67.3808, 52.0280



237.1210, -20.2727, 15.6799



125.0140, -0.4999, 113.9977



116.8520, -12.2520, 9.7768



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.



195.6750, -67.3808, 52.0280



184.1850, -80.9432, 62.1048



222.7890, -80.7480, -0.6920



123.5830, -4.2314, 3.8737



133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094



# Inverse Universe

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



118.3250, 67.3808, -52.0280



91.4020, 80.6538, -62.6196



91.2110, 80.7480, 0.6920



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946



# Previews

## White Background



This preview shows how the YUV color 195.6750, -67.3808, 52.0280 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 195.6750, -67.3808, 52.0280 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 195.6750, -67.3808, 52.0280 Background



This preview shows how black text looks on a background with the YUV color 195.6750, -67.3808, 52.0280.



This preview shows how white text looks on a background with the YUV color 195.6750, -67.3808,



# 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

195.6750, -67.3808, 52.0280

### Protanopia

194.1020, -65.1263, 28.8515

### Deuteranopia

195.3760, -67.2334, 51.4132



## Tritanopia

205.8960, -5.3717, 43.0642

# Trichromacy



## Original Color

195.6750, -67.3808, 52.0280

## Protanomaly

194.6300, -65.8796, 37.1585

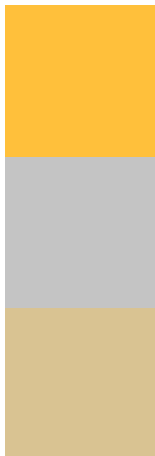
## Deuteranomaly

195.3760, -67.2334, 51.4132

## Tritanomaly

202.0710, -27.6430, 46.4187

# Monochromacy



## Original Color

195.6750, -67.3808, 52.0280

## Achromatopsia

196.0000, 0.0000, 0.0000

## Achromatomaly

195.9920, -24.6461, 18.4240

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.6750, -67.3808, 52.0280 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(255, 192, 59)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 59)  
}
```

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(255, 192, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 59) }
```

## Border

The CSS property to change the border of an element to YUV 195.6750, -67.3808, 52.0280 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(255, 192, 59) }
```



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

```
.border{ border-color:rgb(255, 192, 59) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 59);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
59) }
```

# Background

The CSS property to change the background color of an element to YUV 195.6750, -67.3808, 52.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 59) }
```

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

```
.background{ background-color: rgb(255,  
192, 59) }
```

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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