

# Converting Colors

YUV(160.4550, -43.6083,  
33.8040)

Have a look what the booklet for  
YUV(160.4550, -43.6083, 33.8040)  
contains.

<b>YUV(160.4550, -43.6083, 33.8040)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(160.4550, -43.6083,  
33.8040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C79E48
RGB	199, 158, 72
RGB Percent	78%, 62%, 28%
CMY	0.2196, 0.3804, 0.7176
CMYK	0.00, 0.21, 0.64, 0.22
HSL	41°, 53%, 53%
HSV	41°, 64%, 78%
XYZ	36.9497, 37.0637, 11.3374
YIQ	160.4550, 52.0420, -18.0540

# Conversions

## Conversions Part 2

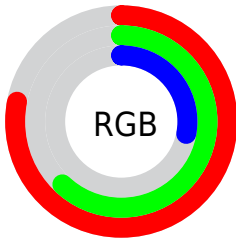
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 199, 72
Decimal	13082184
CIELab	67.32, 5.76, 49.57
CIElCh	67, 49.906, 83.374
Yxy	37.0637, 0.4329, 0.4343
Android (android.graphics.Color)	4291272264 (0xFFC79E48)
YUV	160.4550, -43.6083, 33.8040
Hunter-Lab	60.8800, 1.7966, 31.5746

# Details

The YUV color **160.4550, -43.6083, 33.8040** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **110.5450, 43.6083, -33.8040**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8250, -44.7767, 35.2335**, and **107.4330, -43.5975, 30.3153** is the 20% darker color. If you saturate the color by 10%, you get **154.6530, -50.6079, 38.8923**, and if you desaturate by 10%, it is **166.2570, -36.6087, 28.7156**.

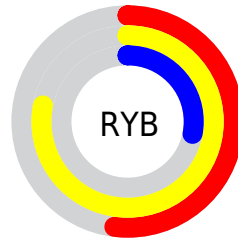
# Distribution



Red (78%)

Green (62%)

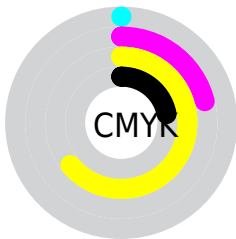
Blue (28%)



Red (52%)

Yellow (78%)

Blue (28%)

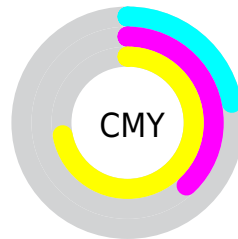


Cyan (0%)

Magenta (21%)

Yellow (64%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.4550, -43.6083, 33.8040 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 160.4550, -43.6083, 33.8040 by changing the saturation by 10% instead.



■ 160.4550,  
-43.6083, 33.8040

■ 160.4550,  
-43.6083, 33.8040

■ 255.0000, 0.0000,  
0.0000

■ 133.6720,  
-42.7293, 31.8597

■ 214.8250,  
-44.7767, 35.2335

■ 107.4330,  
-43.5975, 30.3153

■ 234.8120,  
-41.8123, 17.7049

■ 82.8070, -40.8239,  
27.3563

■ 246.2220,  
-33.6334, 7.6983

■ 61.2330, -30.1879,  
22.5977

■ 249.4140,  
-21.4031, 4.8989

■ 40.8330, -20.1307,  
16.8095

■ 252.7200, -8.7360,  
1.9996

■ 21.6180, -10.6577,  
11.7360

■ 0.0000, 0.0000,

0.0000

■ 160.4550,  
-43.6083, 33.8040

■ 160.4550,  
-43.6083, 33.8040

■ 154.6530,  
-50.6079, 38.8923

■ 166.2570,  
-36.6087, 28.7156

■ 148.2640,  
-57.3182, 44.4955

■ 172.6460,  
-29.8985, 23.1125

■ 142.4620,  
-64.3178, 49.5838

■ 178.4480,  
-22.8989, 18.0241

■ 138.7460,  
-68.4018, 52.8428

■ 184.8370,  
-16.1886, 12.4210

■ 190.6390, -9.1890,  
7.3326

■ 196.9140, -2.9156,  
1.8294

■ 202.7160, 4.0840,  
-3.2589

■ 208.5180, 11.0836,  
-8.3473

■ 214.9070, 17.7938,  
-13.9504

# Harmonies

## Analogous

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



162.7370, -34.3803, 60.7437



160.4550, -43.6083, 33.8040



156.2010, -38.5531, -1.0533

# Triad

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



160.4550, -43.6083, 33.8040



131.7540, 32.6593, -115.5483



168.6480, 24.3305, 36.2657

# Complementary

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



160.4550, -43.6083, 33.8040



110.5450, 43.6083, -33.8040

# 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.



164.8790, 40.4857, -12.1719



160.4550, -43.6083, 33.8040



133.6240, 49.9784, -117.1882

# Square

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



160.4550, -43.6083, 33.8040



126.5100, 12.5666, -110.9493



143.8590, 53.8065, -84.9453



166.9710, 4.4513, 65.8004



# Rectangle

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



160.4550, -43.6083, 33.8040



152.1960, -27.7046, -27.3589



143.8590, 53.8065, -84.9453



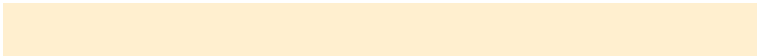
168.4550, 30.3417, 21.5260

# Sweetspot

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



160.4550, -43.6083, 33.8040



240.1360, -16.3360, 13.0357



114.7610, -0.3752, 73.8776



118.7100, -10.2100, 8.1473



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.



160.4550, -43.6083, 33.8040



195.6750, -67.3808, 52.0280



178.2430, -52.3778, -0.2131



96.2130, -3.0630, 2.4442



113.8940, -56.1497, 43.0660



24.8520, -12.2520, 9.7768



# Inverse Universe

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



110.5450, 43.6083, -33.8040



118.3250, 67.3808, -52.0280



92.7570, 52.3778, 0.2131



92.7870, 3.0630, -2.4442



49.6930, 55.8604, -43.5808



11.1480, 12.2520, -9.7768



# Previews

## White Background



This preview shows how the YUV color 160.4550, -43.6083, 33.8040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

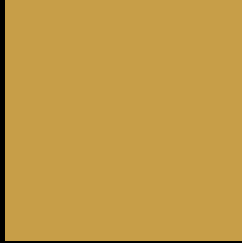
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.4550, -43.6083, 33.8040 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 160.4550, -43.6083, 33.8040

## Background



This preview shows how black text looks on a background with the YUV color 160.4550, -43.6083, 33.8040.



This preview shows how white text looks on a background with the YUV color 160.4550, -43.6083,



# 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

160.4550, -43.6083, 33.8040

### Protanopia

159.1220, -41.9651, 20.0640

### Deuteranopia

160.5910, -43.1824, 37.1927



## Tritanopia

167.2970, -3.5974, 33.9425

# Trichromacy



## Original Color

160.4550, -43.6083, 33.8040

## Protanomaly

159.6280, -42.7076, 24.8822

## Deuteranomaly

160.8790, -43.3243, 36.0631

## Tritanomaly

164.5130, -18.0009, 33.7531

# Monochromacy



## Original Color

160.4550, -43.6083, 33.8040

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

159.9510, -15.7518, 12.3210

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.4550, -43.6083, 33.8040 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(199, 158, 72)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 72)  
}
```

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(199, 158, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 72) }
```

## Border

The CSS property to change the border of an element to YUV 160.4550, -43.6083, 33.8040 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(199, 158, 72) }
```



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

```
.border{ border-color:rgb(199, 158, 72) }
```

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

Here you see how a box with a 4 pixel rgb(199, 158, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 72);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
72) }
```

# Background

The CSS property to change the background color of an element to YUV 160.4550, -43.6083, 33.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 72) }
```

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

```
.background{ background-color: rgb(199,  
158, 72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor