

# Converting Colors

YUV(115.8050, -17.6519,  
15.0800)

Have a look what the booklet for  
YUV(115.8050, -17.6519, 15.0800)  
contains.

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# Color

**YUV(115.8050, -17.6519,  
15.0800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	857250
RGB	133, 114, 80
RGB Percent	52%, 45%, 31%
CMY	0.4784, 0.5529, 0.6863
CMYK	0.00, 0.14, 0.40, 0.48
HSL	38°, 25%, 42%
HSV	38°, 40%, 52%
XYZ	17.1381, 17.6004, 10.0833
YIQ	115.8050, 22.2380, -6.5460

# Conversions

## Conversions Part 2

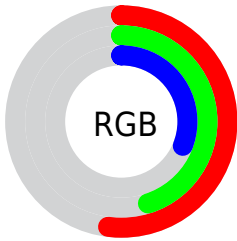
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 133, 80
Decimal	8745552
CIELab	49.01, 2.27, 21.60
CIELCh	49, 21.716, 84.005
Yxy	17.6004, 0.3824, 0.3927
Android (android.graphics.Color)	4286935632 (0xFF857250)
YUV	115.8050, -17.6519, 15.0800
Hunter-Lab	41.9528, -0.4983, 15.1166

# Details

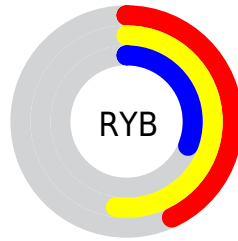
The YUV color **115.8050, -17.6519, 15.0800** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.1950, 17.6519, -15.0800**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1750, -18.8203, 16.5095**, and **67.2500, -15.8993, 12.9358** is the 20% darker color. If you saturate the color by 10%, you get **111.3880, -21.8833, 18.9537**, and if you desaturate by 10%, it is **120.2220, -13.4204, 11.2063**.

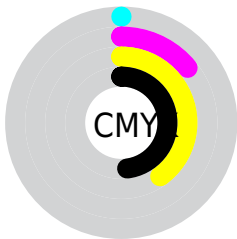
# Distribution



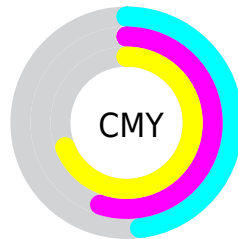
- Red (52%)
- Green (45%)
- Blue (31%)



- Red (43%)
- Yellow (52%)
- Blue (31%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (48%)



- Cyan (48%)
- Magenta (55%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.8050, -17.6519, 15.0800 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 115.8050, -17.6519, 15.0800 by changing the saturation by 10% instead.



■ 115.8050,  
-17.6519, 15.0800

■ 115.8050,  
-17.6519, 15.0800

■ 255.0000, 0.0000,  
0.0000

■ 91.3210, -16.9203,  
13.7505

■ 168.1750,  
-18.8203, 16.5095

■ 67.2500, -15.8993,  
12.9358

■ 195.3600,  
-19.4045, 17.2243

■ 44.6520, -15.6044,  
11.7062

■ 223.5450,  
-19.9887, 17.9390

■ 24.8520, -12.2520,  
9.7768

■ 246.3480,  
-17.9196, 7.5878

■ 0.0000, 0.0000,  
0.0000

■ 253.1760, -6.9888,  
1.5996

■ 115.8050,  
-17.6519, 15.0800

■ 115.8050,  
-17.6519, 15.0800

■ 111.3880,  
-21.8833, 18.9537

■ 120.2220,  
-13.4204, 11.2063

■ 106.8570,  
-26.5515, 22.9274

■ 124.7530, -8.7522,  
7.2326

■ 103.0270,  
-31.0723, 26.2863

■ 128.5830, -4.2314,  
3.8737

■ 98.6100, -35.3037,  
30.1600

■ 133.0000, 0.0000,  
0.0000

■ 94.0790, -39.9719,  
34.1337

■ 137.5310, 4.6682,  
-3.9737

■ 89.6620, -44.2034,  
38.0074

■ 141.9480, 8.8996,  
-7.8474

■ 145.7780, 13.4204,  
-11.2063

■ 150.1950, 17.6519,

-15.0800

■ 154.7260, 22.3201,  
-19.0537

# Harmonies

## Analogous

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



117.2670, -14.9216, 26.0758



115.8050, -17.6519, 15.0800



113.9880, -15.2771, 0.0105

# Triad

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



115.8050, -17.6519, 15.0800



106.5370, 12.0603, -41.6899



119.2050, 9.2659, 14.7292

# Complementary

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



115.8050, -17.6519, 15.0800



97.1950, 17.6519, -15.0800

# 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.



117.5170, 16.0141, -3.0844



115.8050, -17.6519, 15.0800



108.8670, 18.3066, -38.4714

# Square

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



115.8050, -17.6519, 15.0800



108.5570, 1.6974, -31.1835



113.3080, 19.5682, -23.0721



119.1050, 0.9342, 27.0949



# Rectangle

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



115.8050, -17.6519, 15.0800



112.3610, -11.0240, -10.8406



113.3080, 19.5682, -23.0721



119.1550, 11.7556, 9.5111

# Sweetspot

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



115.8050, -17.6519, 15.0800



166.6110, -6.7102, 5.6032



98.0130, 0.4866, 30.6836



82.6970, -3.7946, 3.7737



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.8050, -17.6519, 15.0800



146.5150, -27.8619, 23.2273



124.8650, -22.1184, 0.9954



64.1420, -2.0420, 1.6295



87.5910, -43.1824, 37.1927



2.0710, -1.0210, 0.8147



# Inverse Universe

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



97.1950, 17.6519, -15.0800



117.0720, 27.5725, -23.7421



88.1350, 22.1184, -0.9954



61.8580, 2.0420, -1.6295



42.4090, 43.1824, -37.1927



0.9290, 1.0210, -0.8147



# Previews

## White Background



This preview shows how the YUV color 115.8050, -17.6519, 15.0800 looks on a white 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 × Fail



# Black Background



This preview shows how the YUV color 115.8050, -17.6519, 15.0800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

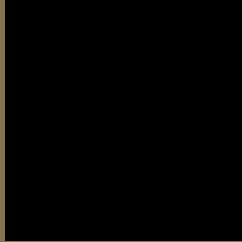
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 115.8050, -17.6519, 15.0800

## Background



This preview shows how black text looks on a background with the YUV color 115.8050, -17.6519, 15.0800.



This preview shows how white text looks on a background with the YUV color 115.8050, -17.6519,

15.0800.

# 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

115.8050, -17.6519, 15.0800

### Protanopia

115.0000, -16.7620, 9.6470

### Deuteranopia

116.5390, -17.5207, 19.6983



## Tritanopia

118.3980, -0.1962, 16.3140

# Trichromacy



## Original Color

115.8050, -17.6519, 15.0800

## Protanomaly

115.3100, -16.9148, 12.0061

## Deuteranomaly

116.5280, -17.5153, 17.9539

## Tritanomaly

117.6770, -6.7428, 16.0693

# Monochromacy



## Original Color

115.8050, -17.6519, 15.0800

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

115.7250, -6.2734, 5.5032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.8050, -17.6519, 15.0800 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(133, 114, 80)` looks like.

```
.text, #text, p{  
    color:rgb(133, 114, 80)  
}
```

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(133, 114, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 114, 80) }
```

## Border

The CSS property to change the border of an element to YUV 115.8050, -17.6519, 15.0800 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(133, 114, 80) }
```



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

```
.border{ border-color:rgb(133, 114, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 114, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 114, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 114, 80);  
box-shadow:4px 4px 4px 4px rgb(133, 114,  
80) }
```

# Background

The CSS property to change the background color of an element to YUV 115.8050, -17.6519, 15.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 114, 80) }
```

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

```
.background{ background-color: rgb(133,  
114, 80) }
```

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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