

# Converting Colors

YUV(115.7500, -17.6247,  
6.3582)

Have a look what the booklet for  
YUV(115.7500, -17.6247, 6.3582)  
contains.

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# Color

**YUV(115.7500, -17.6247,  
6.3582)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B7750
RGB	123, 119, 80
RGB Percent	48%, 47%, 31%
CMY	0.5176, 0.5333, 0.6863
CMYK	0.00, 0.03, 0.35, 0.52
HSL	54°, 21%, 40%
HSV	54°, 35%, 48%
XYZ	16.2132, 17.9838, 10.2061
YIQ	115.7500, 14.9030, -11.2810

# Conversions

## Conversions Part 2

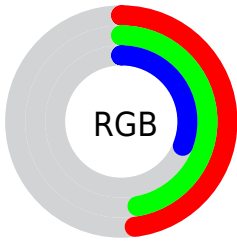
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 123, 80
Decimal	8091472
CIELab	49.48, -4.93, 22.04
CIELCh	49, 22.584, 102.604
Yxy	17.9838, 0.3651, 0.4050
Android (android.graphics.Color)	4286281552 (0xFF7B7750)
YUV	115.7500, -17.6247, 6.3582
Hunter-Lab	42.4073, -5.9686, 15.4159

# Details

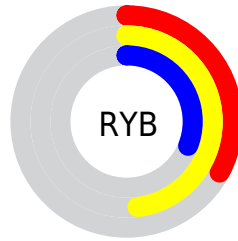
The YUV color **115.7500, -17.6247, 6.3582** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.2500, 17.6247, -6.3582**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8210, -18.6458, 7.1730**, and **67.4940, -16.0195, 4.8288** is the 20% darker color. If you saturate the color by 10%, you get **113.7950, -22.5769, 8.0728**, and if you desaturate by 10%, it is **117.7050, -12.6726, 4.6437**.

# Distribution



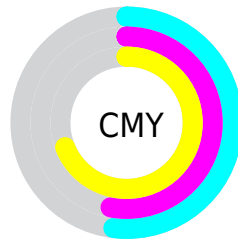
- Red (48%)
- Green (47%)
- Blue (31%)



- Red (33%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.7500, -17.6247, 6.3582 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 115.7500, -17.6247, 6.3582 by changing the saturation by 10% instead.



■ 115.7500,  
-17.6247, 6.3582

■ 115.7500,  
-17.6247, 6.3582

■ 255.0000, 0.0000,  
0.0000

■ 90.9780, -16.7512,  
6.1583

■ 167.8210,  
-18.6458, 7.1730

■ 67.4940, -16.0195,  
4.8288

■ 195.0060,  
-19.2300, 7.8877

■ 44.6080, -15.5827,  
4.7288

■ 222.8920,  
-19.6668, 7.9877

■ 25.1070, -12.3778,  
3.4142

■ 249.9840,  
-19.2191, 4.3990

■ 0.0000, 0.0000,  
0.0000

■ 253.1760, -6.9888,  
1.5996

■ 115.7500,  
-17.6247, 6.3582

■ 115.7500,  
-17.6247, 6.3582

■ 113.7950,  
-22.5769, 8.0728

■ 117.7050,  
-12.6726, 4.6437

■ 111.7260,  
-27.9659, 9.8873

■ 119.7740, -7.2836,  
2.8292

■ 109.7710,  
-32.9181, 11.6018

■ 121.7290, -2.3314,  
1.1147

■ 107.2290,  
-37.5809, 13.8312

■ 124.2710, 2.3314,  
-1.1147

■ 105.1600,  
-42.9699, 15.6457

■ 126.3400, 7.7204,  
-2.9292

■ 103.2050,  
-47.9221, 17.3602

■ 128.2950, 12.6726,  
-4.6437

■ 102.5210,  
-50.5429, 17.9601

■ 130.2500, 17.6247,  
-6.3582

■ 132.2050, 22.5769,

-8.0728

■ 134.2740, 27.9659,  
-9.8873

# Harmonies

## Analogous

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



117.7240, -18.1049, 20.4131



115.7500, -17.6247, 6.3582



113.4320, -12.0450, -10.0259

# Triad

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



115.7500, -17.6247, 6.3582



108.1930, 17.1599, -44.0193



120.7070, 4.5814, 23.9360

# Complementary

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



115.7500, -17.6247, 6.3582



87.2500, 17.6247, -6.3582

# 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.



120.0840, 12.7766, 8.6963



115.7500, -17.6247, 6.3582



112.7800, 20.3215, -31.3791

# Square

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



115.7500, -17.6247, 6.3582



107.6250, 8.5659, -40.8901



117.7440, 18.3672, -11.1765



119.6450, -4.7550, 31.8833



# Rectangle

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



115.7500, -17.6247, 6.3582



111.8480, -6.3341, -21.7917



117.7440, 18.3672, -11.1765



120.7820, 7.5025, 20.3622

# Sweetspot

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



115.7500, -17.6247, 6.3582



158.0020, -6.4100, 2.6292



93.3130, -4.5913, 26.0355



80.2730, -4.0786, 1.5146



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



115.7500, -17.6247, 6.3582



149.1390, -27.6765, 10.4021



113.0150, -16.2764, -6.1522



60.3160, -2.6208, 0.5999



103.7060, -51.1271, 18.6748



209.7710, -103.4171, 37.0348



# Inverse Universe

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



87.2500, 17.6247, -6.3582



104.2740, 27.9659, -9.8873



89.9850, 16.2764, 6.1522



56.2710, 2.3314, -1.1147



21.2940, 51.1271, -18.6748



42.2290, 103.4171, -37.0348



# Previews

## White Background



This preview shows how the YUV color 115.7500, -17.6247, 6.3582 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 115.7500, -17.6247, 6.3582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

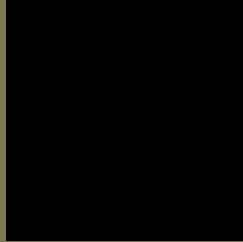
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 115.7500, -17.6247, 6.3582

## Background



This preview shows how black text looks on a background with the YUV color 115.7500, -17.6247, 6.3582.



This preview shows how white text looks on a background with the YUV color 115.7500, -17.6247, 6.3582.



# 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

115.7500, -17.6247, 6.3582

### Protanopia

116.2450, -18.3618, 9.4321

### Deuteranopia

117.4250, -17.9575, 19.7983



## Tritanopia

119.2120, 1.8675, 7.7071

# Trichromacy



## Original Color

115.7500, -17.6247, 6.3582

## Protanomaly

115.9460, -18.2144, 8.8174

## Deuteranomaly

116.8050, -17.6519, 15.0800

## Tritanomaly

117.9640, -5.4053, 7.0476

# Monochromacy



## Original Color

115.7500, -17.6247, 6.3582

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

116.0020, -6.4100, 2.6292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.7500, -17.6247, 6.3582 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(123, 119, 80)` looks like.

```
.text, #text, p{  
    color:rgb(123, 119, 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(123, 119, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 80) }
```

## Border

The CSS property to change the border of an element to YUV 115.7500, -17.6247, 6.3582 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(123, 119, 80) }
```



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

```
.border{ border-color:rgb(123, 119, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 119, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 80);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
80) }
```

# Background

The CSS property to change the background color of an element to YUV 115.7500, -17.6247, 6.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 119, 80) }
```

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

```
.background{ background-color: rgb(123,  
119, 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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