

# Converting Colors

YUV(106.6540, -1.8014,  
17.8434)

Have a look what the booklet for  
YUV(106.6540, -1.8014, 17.8434)  
contains.

<b>YUV(106.6540, -1.8014, 17.8434)</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(106.6540, -1.8014,  
17.8434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F6167
RGB	127, 97, 103
RGB Percent	50%, 38%, 40%
CMY	0.5020, 0.6196, 0.5961
CMYK	0.00, 0.24, 0.19, 0.50
HSL	348°, 13%, 44%
HSV	348°, 24%, 50%
XYZ	15.4753, 14.0407, 14.7265
YIQ	106.6540, 15.9540, 8.2260

# Conversions

## Conversions Part 2

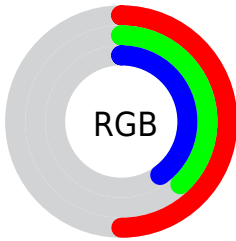
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 97, 103
Decimal	8348007
CIE <sub>Lab</sub>	44.29, 13.15, 1.29
CIE <sub>LCh</sub>	44, 13.213, 5.596
Yxy	14.0407, 0.3498, 0.3174
Android (android.graphics.Color)	4286538087 (0xFF7F6167)
YUV	106.6540, -1.8014, 17.8434
Hunter-Lab	37.4709, 8.1454, 2.9281

# Details

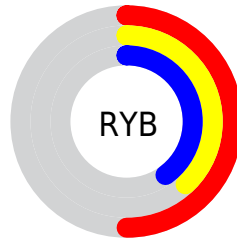
The YUV color **106.6540, -1.8014, 17.8434** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.3460, 1.8014, -17.8434**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2520, -2.0962, 19.0730**, and **58.7570, -1.3592, 15.9991** is the 20% darker color. If you saturate the color by 10%, you get **97.8830, -2.4073, 25.5356**, and if you desaturate by 10%, it is **115.4250, -1.1955, 10.1513**.

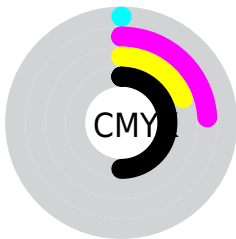
# Distribution



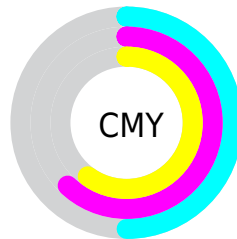
- Red (50%)
- Green (38%)
- Blue (40%)



- Red (50%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.6540, -1.8014, 17.8434 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 106.6540, -1.8014, 17.8434 by changing the saturation by 10% instead.



■ 106.6540, -1.8014,  
17.8434

■ 106.6540, -1.8014,  
17.8434

255.0000, 0.0000,  
0.0000

■ 82.3550, -1.6540,  
17.2287

■ 158.2520, -2.0962,  
19.0730

■ 58.7570, -1.3592,  
15.9991

■ 184.9640, -1.9543,  
20.2026

■ 37.1590, -1.0644,  
14.7696

■ 212.8500, -2.3910,  
20.3026

■ 14.5830, -0.7804,  
17.0287

■ 238.2730, -0.6276,  
14.6696

■ 0.0000, 0.0000,  
0.0000

■ 106.6540, -1.8014,

■ 106.6540, -1.8014,

17.8434

17.8434

97.8830, -2.4073,  
25.5356

115.4250, -1.1955,  
10.1513

89.6990, -3.3026,  
32.7130

123.6090, -0.3002,  
2.9739

80.9280, -3.9085,  
40.4051

132.3800, 0.3057,  
-4.7183

72.0430, -4.9512,  
48.1973

141.2650, 1.3484,  
-12.5104

63.2720, -5.5571,  
55.8895

150.0360, 1.9543,  
-20.2026

55.0880, -6.4524,  
63.0668

158.2200, 2.8495,  
-27.3799

46.3170, -7.0583,  
70.7590

166.9910, 3.4554,  
-35.0721

40.8230, -7.8007,  
75.5772

175.7620, 4.0613,  
-42.7643

■ 183.9460, 4.9566,  
-49.9416

# Harmonies

## Analogous

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



106.7010, 3.5984, 12.5402



106.6540, -1.8014, 17.8434



105.9870, -6.8956, 18.4284

# Triad

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



106.6540, -1.8014, 17.8434



102.9150, -7.8461, -3.4335



102.0500, 10.8214, -17.5838

# Complementary

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



106.6540, -1.8014, 17.8434



117.3460, 1.8014, -17.8434

# 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.



100.3330, 8.2168, -22.2170



106.6540, -1.8014, 17.8434



101.4130, -3.1616, -12.6402

# Square

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



106.6540, -1.8014, 17.8434



104.2860, -10.4940, 5.8882



100.2640, 2.8278, -20.4025



104.4040, 10.6468, -8.2473



# Rectangle

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



106.6540, -1.8014, 17.8434



105.6940, -9.2161, 16.0544



100.2640, 2.8278, -20.4025



101.5120, 10.1006, -19.7430

# Sweetspot

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



106.6540, -1.8014, 17.8434



157.8160, -0.8953, 7.1774



107.5960, 9.5662, 11.7553



79.3210, -0.1583, 4.1035



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



106.6540, -1.8014, 17.8434



134.1930, -2.5601, 27.8947



111.2530, -7.0267, 13.8101



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000



# Inverse Universe

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



106.6540, -1.8014, 17.8434



134.1930, -2.5601, 27.8947



112.7470, 7.0267, -13.8101



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920

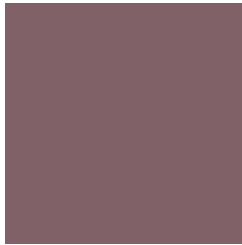


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 106.6540, -1.8014, 17.8434 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

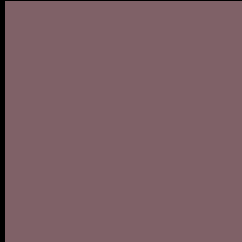
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.6540, -1.8014, 17.8434 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 106.6540, -1.8014, 17.8434

## Background



This preview shows how black text looks on a background with the YUV color 106.6540, -1.8014, 17.8434.



This preview shows how white text looks on a background with the YUV color 106.6540, -1.8014,



# 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

106.6540, -1.8014, 17.8434

### Protanopia

104.9400, 1.0156, 0.9296

### Deuteranopia

105.5990, -1.7743, 9.1217



## Tritanopia

106.7680, -1.3646, 17.7435

# Trichromacy



## Original Color

106.6540, -1.8014, 17.8434

## Protanomaly

105.4570, 0.2677, 7.4922

## Deuteranomaly

106.2080, -2.0745, 12.0956

## Tritanomaly

106.7680, -1.3646, 17.7435

# Monochromacy



## Original Color

106.6540, -1.8014, 17.8434

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.6310, -0.3111, 6.4626

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.6540, -1.8014, 17.8434 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(127, 97, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 97, 103)  
}
```

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(127, 97, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 97, 103) }
```

## Border

The CSS property to change the border of an element to YUV 106.6540, -1.8014, 17.8434 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(127, 97, 103) }
```



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

```
.border{ border-color:rgb(127, 97, 103) }
```

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

Here you see how a box with a 4 pixel rgb(127, 97, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 97, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 97, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 97,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 106.6540, -1.8014, 17.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 97, 103) }
```

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

```
.background{ background-color: rgb(127, 97,  
103) }
```

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