

# Converting Colors

YUV(158.6040, 0.6882, 12.6253)

Have a look what the booklet for  
YUV(158.6040, 0.6882, 12.6253)  
contains.

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# Color

**YUV(158.6040, 0.6882,  
12.6253)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD97A0
RGB	173, 151, 160
RGB Percent	68%, 59%, 63%
CMY	0.3216, 0.4078, 0.3725
CMYK	0.00, 0.13, 0.08, 0.32
HSL	335°, 12%, 64%
HSV	335°, 13%, 68%
XYZ	34.6454, 33.5555, 37.9086
YIQ	158.6040, 10.2230, 7.4630

# Conversions

## Conversions Part 2

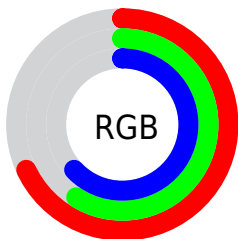
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 151, 160
Decimal	11376544
CIE Lab	64.61, 9.72, -1.72
CIE LCh	65, 9.869, 349.971
Yxy	33.5555, 0.3265, 0.3162
Android (android.graphics.Color)	4289566624 (0xFFAD97A0)
YUV	158.6040, 0.6882, 12.6253
Hunter-Lab	57.9271, 5.3857, 1.7485

# Details

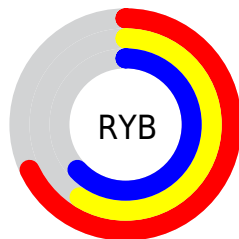
The YUV color **158.6040, 0.6882, 12.6253** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.3960, -0.6882, -12.6253**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3160, 0.8302, 13.7549**, and **107.3050, 0.8356, 12.0105** is the 20% darker color. If you saturate the color by 10%, you get **147.4850, 1.2399, 22.3767**, and if you desaturate by 10%, it is **169.7230, 0.1366, 2.8739**.

# Distribution



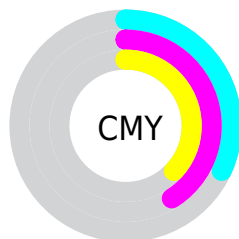
- Red (68%)
- Green (59%)
- Blue (63%)



- Red (68%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (32%)



- Cyan (32%)
- Magenta (41%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.6040, 0.6882, 12.6253 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 158.6040, 0.6882, 12.6253 by changing the saturation by 10% instead.




 158.6040, 0.6882,  
12.6253

 158.6040, 0.6882,  
12.6253

255.0000, 0.0000,  
0.0000


 132.3050, 0.8356,  
12.0105


 213.3160, 0.8302,  
13.7549

 107.3050, 0.8356,  
12.0105

 240.7180, 1.1250,  
12.5253

 82.8920, 0.5462,  
11.4957

 59.5930, 0.6937,  
10.8809

 37.8810, 0.5517,  
9.7514

 16.1200, 1.4198,  
11.2958

 0.0000, 0.0000,

0.0000

158.6040, 0.6882,  
12.6253

158.6040, 0.6882,  
12.6253

147.4850, 1.2399,  
22.3767

169.7230, 0.1366,  
2.8739

135.7790, 2.0810,  
32.6428

181.4290, -0.7045,  
-7.3922

124.5460, 2.1958,  
42.4942

192.6620, -0.8194,  
-17.2436

113.4270, 2.7475,  
52.2455

203.7810, -1.3710,  
-26.9949

102.3080, 3.2992,  
61.9969

215.4870, -2.2121,  
-37.2611

90.6020, 4.1402,  
72.2630

226.6060, -2.7638,  
-47.0125

■ 79.3690, 4.2551,  
82.1144

■ 227.8600, 2.0410,  
-48.1122

■ 68.2500, 4.8068,  
91.8658

■ 229.0000, 6.4090,  
-49.1120

■ 59.8210, 5.5112,  
99.2580

■ 230.1400, 10.7770,  
-50.1118

# Harmonies

## Analogous

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



158.2980, 4.7831, 5.8777



158.6040, 0.6882, 12.6253



158.4750, -3.6852, 15.3694

# Triad

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



158.6040, 0.6882, 12.6253



155.9480, -7.8624, 1.7996



154.8500, 7.4690, -15.6544

# Complementary

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



158.6040, 0.6882, 12.6253



165.3960, -0.6882, -12.6253

# 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.



153.9270, 3.9800, -16.5990



158.6040, 0.6882, 12.6253



154.4030, -4.6357, -6.4924

# Square

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



158.6040, 0.6882, 12.6253



156.8780, -8.3209, 8.8770



154.0970, -0.5408, -13.2401



155.6380, 9.0525, -10.2065



# Rectangle

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



158.6040, 0.6882, 12.6253



158.1930, -6.0111, 14.7397



154.0970, -0.5408, -13.2401



154.0240, 6.8902, -16.6840

# Sweetspot

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



158.6040, 0.6882, 12.6253



218.1470, 0.4205, 5.1331



157.3950, 7.6933, 5.7926



108.7230, 0.1366, 2.8739



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



158.6040, 0.6882, 12.6253



202.4630, 1.2507, 18.8879



158.7520, -3.8217, 12.4955



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401



# Inverse Universe

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



158.6040, 0.6882, 12.6253



202.4630, 1.2507, 18.8879



165.2480, 3.8217, -12.4955



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401



# Previews

## White Background



This preview shows how the YUV color 158.6040, 0.6882, 12.6253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

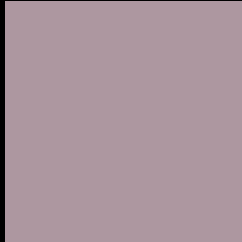
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 158.6040, 0.6882, 12.6253 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 158.6040, 0.6882, 12.6253

## Background



This preview shows how black text looks on a background with the YUV color 158.6040, 0.6882, 12.6253.



This preview shows how white text looks on a background with the YUV color 158.6040, 0.6882,



# 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

158.6040, 0.6882, 12.6253

### Protanopia

157.3960, 2.7628, 0.5297

### Deuteranopia

158.5930, 0.6937, 10.8809



## Tritanopia

158.8320, 1.5618, 12.4253

# Trichromacy



## Original Color

158.6040, 0.6882, 12.6253

## Protanomaly

157.6030, 2.1677, 4.7332

## Deuteranomaly

158.8920, 0.5462, 11.4957

## Tritanomaly

158.7180, 1.1250, 12.5253

# Monochromacy



## Original Color

158.6040, 0.6882, 12.6253

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.7340, 0.1311, 4.6183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.6040, 0.6882, 12.6253 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(173, 151, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 160)  
}
```

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(173, 151, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 160) }
```

## Border

The CSS property to change the border of an element to YUV 158.6040, 0.6882, 12.6253 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(173, 151, 160) }
```



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

```
.border{ border-color:rgb(173, 151, 160) }
```

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

Here you see how a box with a 4 pixel rgb(173, 151, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 151, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 151, 160);  
box-shadow:4px 4px 4px 4px rgb(173, 151,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 158.6040, 0.6882, 12.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 160) }
```

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

```
.background{ background-color: rgb(173,  
151, 160) }
```

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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