

# Converting Colors

YUV(157.7610, 2.5828, 11.6106)

Have a look what the booklet for  
YUV(157.7610, 2.5828, 11.6106)  
contains.

<b>YUV(157.7610, 2.5828, 11.6106)</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(157.7610, 2.5828,  
11.6106)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB96A3
RGB	171, 150, 163
RGB Percent	67%, 59%, 64%
CMY	0.3294, 0.4118, 0.3608
CMYK	0.00, 0.12, 0.05, 0.33
HSL	323°, 11%, 63%
HSV	323°, 12%, 67%
XYZ	34.3118, 33.1150, 39.2337
YIQ	157.7610, 8.3430, 8.4950

# Conversions

## Conversions Part 2

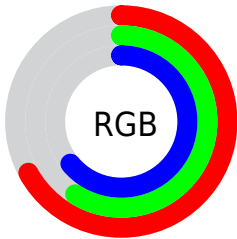
Format	Color
<b>RYB</b>	171, 150, 163
Decimal	11245219
CIELab	64.25, 10.10, -3.95
CIELCh	64, 10.841, 338.630
Yxy	33.1150, 0.3217, 0.3105
Android (android.graphics.Color)	4289435299 (0xFFAB96A3)
YUV	157.7610, 2.5828, 11.6106
Hunter-Lab	57.5456, 5.7265, -0.1411

# Details

The YUV color **157.7610, 2.5828, 11.6106** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.2390, -2.5828, -11.6106**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1740, 2.8722, 12.1254**, and **106.3480, 2.2934, 11.0958** is the 20% darker color. If you saturate the color by 10%, you get **146.9840, 4.4449, 21.0620**, and if you desaturate by 10%, it is **168.5380, 0.7208, 2.1592**.

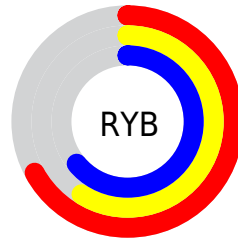
# Distribution



Red (67%)

Green (59%)

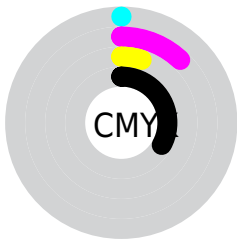
Blue (64%)



Red (67%)

Yellow (59%)

Blue (64%)

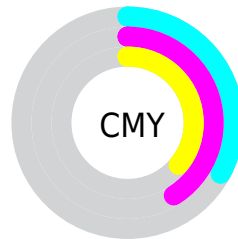


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 157.7610, 2.5828, 11.6106 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 157.7610, 2.5828, 11.6106 by changing the saturation by 10% instead.




 157.7610, 2.5828,  
11.6106

 157.7610, 2.5828,  
11.6106

255.0000, 0.0000,  
0.0000


 131.4620, 2.7302,  
10.9958


 212.1740, 2.8722,  
12.1254

 106.3480, 2.2934,  
11.0958

 240.4730, 2.7248,  
12.7402

 82.0490, 2.4408,  
10.4810

 59.3370, 2.2989,  
9.3515

 37.3370, 2.2989,  
9.3515

 15.5760, 3.1670,  
10.8958

 0.0000, 0.0000,

0.0000

157.7610, 2.5828,  
11.6106

157.7610, 2.5828,  
11.6106

146.9840, 4.4449,  
21.0620

168.5380, 0.7208,  
2.1592

136.3210, 6.7437,  
30.4135

179.2010, -1.5781,  
-7.1923

125.5440, 8.6058,  
39.8649

189.9780, -3.4402,  
-16.6437

114.8810, 10.9047,  
49.2164

200.6410, -5.7390,  
-25.9952

104.1040, 12.7667,  
58.6678

211.4180, -7.6011,  
-35.4466

92.8540, 15.3550,  
68.5340

222.6680,  
-10.1893, -45.3128

■ 82.0770, 17.2170,  
77.9855

■ 224.6400, -7.7105,  
-47.0423

■ 71.4140, 19.5159,  
87.3369

■ 225.3240, -5.0897,  
-47.6421

■ 63.2130, 21.0940,  
94.5292

■ 226.1220, -2.0321,  
-48.3420

# Harmonies

## Analogous

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



156.8570, 6.9725, 3.6334



157.7610, 2.5828, 11.6106



157.5290, -2.2328, 16.1991

# Triad

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



157.7610, 2.5828, 11.6106



155.3290, -9.0362, 4.9735



153.0130, 6.8956, -18.4284

# Complementary

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



157.7610, 2.5828, 11.6106



163.2390, -2.5828, -11.6106

# 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.



152.8730, 2.5276, -17.4286



157.7610, 2.5828, 11.6106



154.2570, -6.5357, -3.7334

# Square

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



157.7610, 2.5828, 11.6106



156.3730, -9.0579, 11.9509



152.9400, -2.4354, -12.2254



154.3170, 9.2107, -14.3100



# Rectangle

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



157.7610, 2.5828, 11.6106



157.7310, -5.2904, 16.8989



152.9400, -2.4354, -12.2254



152.4860, 6.1694, -18.8432

# Sweetspot

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



157.7610, 2.5828, 11.6106



216.2610, 0.8573, 5.0331



154.7860, 7.9935, 2.8187



108.8370, 0.5734, 2.7740



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.



157.7610, 2.5828, 11.6106



201.1470, 3.8715, 18.2881



156.6210, -1.7852, 12.6104



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402



# Inverse Universe

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



157.7610, 2.5828, 11.6106



201.1470, 3.8715, 18.2881



164.3790, 1.7852, -12.6104



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402



# Previews

## White Background



This preview shows how the YUV color 157.7610, 2.5828, 11.6106 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

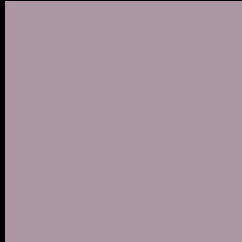
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.7610, 2.5828, 11.6106 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

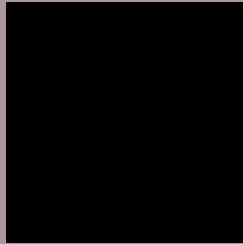
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 157.7610, 2.5828, 11.6106

## Background



This preview shows how black text looks on a background with the YUV color 157.7610, 2.5828, 11.6106.



This preview shows how white text looks on a background with the YUV color 157.7610, 2.5828,



# 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

157.7610, 2.5828, 11.6106

### Protanopia

156.5530, 4.6574, -0.4850

### Deuteranopia

157.4510, 2.7357, 9.2515



## Tritanopia

157.6470, 2.1460, 11.7106

# Trichromacy



## Original Color

157.7610, 2.5828, 11.6106

## Protanomaly

156.7600, 4.0623, 3.7185

## Deuteranomaly

157.7500, 2.5882, 9.8663

## Tritanomaly

157.6470, 2.1460, 11.7106

# Monochromacy



## Original Color

157.7610, 2.5828, 11.6106

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

157.9620, 1.0047, 4.4183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.7610, 2.5828, 11.6106 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(171, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 163)  
}
```

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(171, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 163) }
```

## Border

The CSS property to change the border of an element to YUV 157.7610, 2.5828, 11.6106 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(171, 150, 163) }
```



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

```
.border{ border-color:rgb(171, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 157.7610, 2.5828, 11.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 163) }
```

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

```
.background{ background-color: rgb(171,  
150, 163) }
```

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