

# Converting Colors

YUV(158.3740, 6.2246, 10.1960)

Have a look what the booklet for  
YUV(158.3740, 6.2246, 10.1960)  
contains.

<b>YUV(158.3740, 6.2246, 10.1960)</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(158.3740, 6.2246,  
10.1960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA96AB
RGB	170, 150, 171
RGB Percent	67%, 59%, 67%
CMY	0.3333, 0.4118, 0.3294
CMYK	0.01, 0.12, 0.00, 0.33
HSL	297°, 11%, 63%
HSV	297°, 12%, 67%
XYZ	34.8346, 33.2990, 43.1194
YIQ	158.3740, 5.1790, 10.7710

# Conversions

## Conversions Part 2

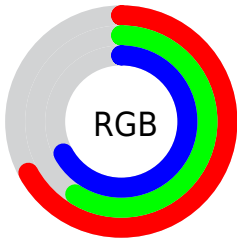
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 150, 171
Decimal	11179691
CIELab	64.40, 11.26, -8.25
CIELCh	64, 13.953, 323.773
Yxy	33.2990, 0.3131, 0.2993
Android (android.graphics.Color)	4289369771 (0xFFAA96AB)
YUV	158.3740, 6.2246, 10.1960
Hunter-Lab	57.7053, 6.7697, -3.9099

# Details

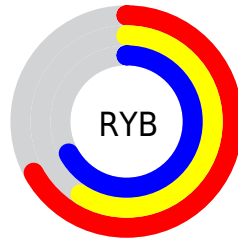
The YUV color **158.3740, 6.2246, 10.1960** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162.6260, -6.2246, -10.1960**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7870, 6.5140, 10.7108**, and **106.9610, 5.9352, 9.6812** is the 20% darker color. If you saturate the color by 10%, you get **148.0960, 11.2917, 18.3328**, and if you desaturate by 10%, it is **168.6520, 1.1576, 2.0592**.

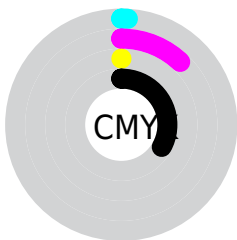
# Distribution



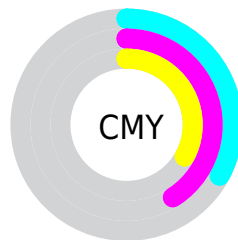
- Red (67%)
- Green (59%)
- Blue (67%)



- Red (67%)
- Yellow (59%)
- Blue (67%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (41%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.3740, 6.2246, 10.1960 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 158.3740, 6.2246, 10.1960 by changing the saturation by 10% instead.



■ 158.3740, 6.2246,  
10.1960

■ 158.3740, 6.2246,  
10.1960

■ 255.0000, 0.0000,  
0.0000

■ 131.9610, 5.9352,  
9.6812

■ 212.7870, 6.5140,  
10.7108

■ 106.9610, 5.9352,  
9.6812

■ 241.2000, 6.8034,  
11.2256

■ 82.5480, 5.6458,  
9.1664

■ 59.7220, 5.0671,  
8.1368

■ 37.7220, 5.0671,  
8.1368

■ 15.8470, 5.4984,  
9.7812

■ 0.0000, 0.0000,

0.0000

158.3740, 6.2246,  
10.1960

158.3740, 6.2246,  
10.1960

148.0960, 11.2917,  
18.3328

168.6520, 1.1576,  
2.0592

137.8180, 16.3587,  
26.4696

178.9300, -3.9095,  
-6.0776

127.8390, 21.2784,  
35.2212

188.9090, -8.8291,  
-14.8292

117.5610, 26.3454,  
43.3580

199.1870,  
-13.8962, -22.9660

107.2830, 31.4125,  
51.4948

209.4650,  
-18.9632, -31.1028

96.4180, 36.7689,  
60.1464

220.3300,  
-24.3197, -39.7544

■ 86.1400, 41.8360,  
68.2832

■ 221.8030,  
-25.0459, -40.1692

■ 75.8620, 46.9030,  
76.4200

■ 222.1020,  
-25.1933, -39.5545

■ 68.2310, 50.6651,  
83.1124

# Harmonies

## Analogous

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



157.1490, 10.7725, -1.8847



158.3740, 6.2246, 10.1960



158.8220, 0.0878, 18.5731

# Triad

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



158.3740, 6.2246, 10.1960



155.9770, -11.8207, 11.4212



151.6810, 7.0593, -24.2762

# Complementary

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



158.3740, 6.2246, 10.1960



162.6260, -6.2246, -10.1960

# 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.



151.6940, 0.6439, -19.9026



158.3740, 6.2246, 10.1960



154.2530, -10.4777, 0.6551

# Square

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



158.3740, 6.2246, 10.1960



157.7760, -10.2426, 18.6134



153.3270, -6.0772, -10.8108



152.5440, 11.5638, -22.4021



# Rectangle

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



158.3740, 6.2246, 10.1960



158.8070, -3.8489, 21.2173



153.3270, -6.0772, -10.8108



151.5240, 5.1647, -23.2615

# Sweetspot

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



158.3740, 6.2246, 10.1960



216.4180, 2.7519, 4.0184



152.9810, 8.8834, -2.6143



109.0650, 1.4470, 2.5740



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.



158.3740, 6.2246, 10.1960



202.0310, 9.8447, 15.7588



157.6470, 2.1460, 11.7106



81.4180, 2.7519, 4.0184



59.8570, 44.4405, 72.9164



9.2000, 6.8034, 11.2256



# Inverse Universe

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



156.3930, -2.6587, 12.8103



198.9810, -4.4276, 20.1877



163.3530, -2.1460, -11.7106



80.6910, -1.3267, 5.5330



45.6480, -19.0535, 91.5167

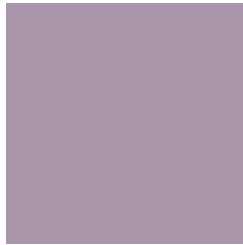


6.9910, -2.9536, 14.0399



# Previews

## White Background



This preview shows how the YUV color 158.3740, 6.2246, 10.1960 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 158.3740, 6.2246, 10.1960 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

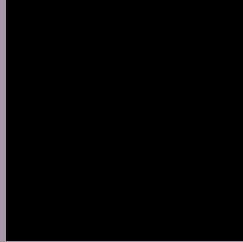
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 158.3740, 6.2246, 10.1960

## Background



This preview shows how black text looks on a background with the YUV color 158.3740, 6.2246, 10.1960.



This preview shows how white text looks on a background with the YUV color 158.3740, 6.2246,



# 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

158.3740, 6.2246, 10.1960

### Protanopia

156.8670, 8.4466, -2.5144

### Deuteranopia

158.0530, 6.3829, 6.0925



## Tritanopia

157.7500, 2.5882, 9.8663

# Trichromacy



## Original Color

158.3740, 6.2246, 10.1960

## Protanomaly

157.3730, 7.7041, 2.3039

## Deuteranomaly

158.0640, 6.3774, 7.8369

## Tritanomaly

158.0920, 3.8986, 9.5663

# Monochromacy



## Original Color

158.3740, 6.2246, 10.1960

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

158.0050, 2.4625, 3.5036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.3740, 6.2246, 10.1960 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(170, 150, 171)` looks like.

```
.text, #text, p{  
    color:rgb(170, 150, 171)  
}
```

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(170, 150, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 150, 171) }
```

## Border

The CSS property to change the border of an element to YUV 158.3740, 6.2246, 10.1960 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(170, 150, 171) }
```



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

```
.border{ border-color:rgb(170, 150, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 150, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 150,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 158.3740, 6.2246, 10.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 150, 171) }
```

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

```
.background{ background-color: rgb(170,  
150, 171) }
```

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