

# Converting Colors

YUV(156.7560, 0.1203, 8.1070)

Have a look what the booklet for  
YUV(156.7560, 0.1203, 8.1070)  
contains.

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# Color

**YUV(156.7560, 0.1203,  
8.1070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6989D
RGB	166, 152, 157
RGB Percent	65%, 60%, 62%
CMY	0.3490, 0.4039, 0.3843
CMYK	0.00, 0.08, 0.05, 0.35
HSL	339°, 7%, 62%
HSV	339°, 8%, 65%
XYZ	33.0399, 32.9978, 36.5261
YIQ	156.7560, 6.7390, 4.5230

# Conversions

## Conversions Part 2

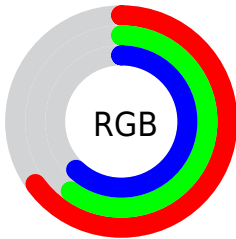
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 152, 157
Decimal	10918045
CIELab	64.16, 6.05, -0.76
CIElCh	64, 6.098, 352.826
Yxy	32.9978, 0.3221, 0.3217
Android (android.graphics.Color)	4289108125 (0xFFA6989D)
YUV	156.7560, 0.1203, 8.1070
Hunter-Lab	57.4437, 2.1415, 2.5105

# Details

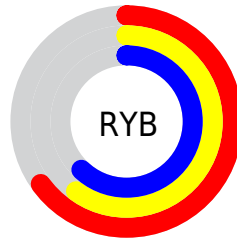
The YUV color **156.7560, 0.1203, 8.1070** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.2440, -0.1203, -8.1070**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1690, 0.4097, 8.6218**, and **105.4570, 0.2677, 7.4922** is the 20% darker color. If you saturate the color by 10%, you get **145.5230, 0.2352, 17.9583**, and if you desaturate by 10%, it is **167.9890, 0.0054, -1.7444**.

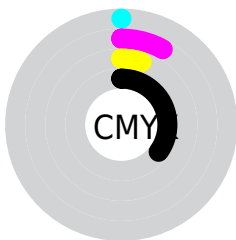
# Distribution



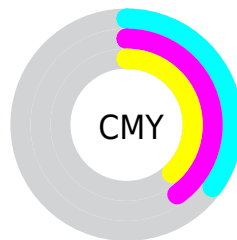
- Red (65%)
- Green (60%)
- Blue (62%)



- Red (65%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 156.7560, 0.1203, 8.1070 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 156.7560, 0.1203, 8.1070 by changing the saturation by 10% instead.




 156.7560, 0.1203,  
8.1070


 156.7560, 0.1203,  
8.1070


255.0000, 0.0000,  
0.0000


 130.7560, 0.1203,  
8.1070

 211.1690, 0.4097,  
8.6218


 105.4570, 0.2677,  
7.4922

 239.4680, 0.2623,  
9.2366

 81.4570, 0.2677,  
7.4922

 58.1580, 0.4151,  
6.8774

 36.7450, 0.1257,  
6.3626

 15.4570, 0.2677,  
7.4922

 0.0000, 0.0000,

0.0000

■ 156.7560, 0.1203,  
8.1070

■ 156.7560, 0.1203,  
8.1070

■ 145.5230, 0.2352,  
17.9583

■ 167.9890, 0.0054,  
-1.7444

■ 134.9910, 0.4974,  
27.1949

■ 178.5210, -0.2569,  
-10.9809

■ 123.7580, 0.6123,  
37.0462

■ 189.7540, -0.3717,  
-20.8323

■ 113.1120, 0.4378,  
46.3828

■ 200.4000, -0.1972,  
-30.1688

■ 101.9930, 0.9895,  
56.1341

■ 211.5190, -0.7489,  
-39.9202

■ 90.7600, 1.1043,  
65.9855

■ 222.7520, -0.8637,  
-49.7715

■ 80.1140, 0.9298,  
75.3220

■ 225.7670, 3.0729,  
-52.4157

■ 68.9950, 1.4815,  
85.0734

■ 226.9070, 7.4408,  
-53.4154

■ 58.3490, 1.3069,  
94.4099

■ 228.1610, 12.2456,  
-54.5152

# Harmonies

## Analogous

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



156.4180, 2.7519, 4.0184



156.7560, 0.1203, 8.1070



156.6700, -2.7953, 9.9364

# Triad

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



156.7560, 0.1203, 8.1070



154.7460, -4.8048, 1.0998



154.4980, 4.6845, -9.2067

# Complementary

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



156.7560, 0.1203, 8.1070



161.2440, -0.1203, -8.1070

# 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.



153.9170, 2.5059, -10.4512



156.7560, 0.1203, 8.1070



154.2830, -2.6045, -4.6332

# Square

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



156.7560, 0.1203, 8.1070



155.9530, -5.3998, 5.3032



153.9450, 0.0271, -8.7218



155.0470, 5.3998, -5.3032



# Rectangle

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



156.7560, 0.1203, 8.1070



156.6160, -4.2477, 9.1068



153.9450, 0.0271, -8.7218



154.0850, 4.3951, -9.7215

# Sweetspot

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



156.7560, 0.1203, 8.1070



212.4350, 0.2785, 4.0035



156.2870, 4.7885, 4.1333



106.7230, 0.1366, 2.8739



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



156.7560, 0.1203, 8.1070



202.4900, 0.2514, 12.7253



157.3600, -2.6425, 7.5773



78.7340, 0.1311, 4.6183



50.2940, 1.3341, 85.6882



6.7780, 0.1094, 11.5957



# Inverse Universe

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



156.7560, 0.1203, 8.1070



202.4900, 0.2514, 12.7253



160.6400, 2.6425, -7.5773



78.7340, 0.1311, 4.6183



50.2940, 1.3341, 85.6882



6.7780, 0.1094, 11.5957



# Previews

## White Background



This preview shows how the YUV color 156.7560, 0.1203, 8.1070 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 156.7560, 0.1203, 8.1070 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 156.7560, 0.1203, 8.1070

## Background



This preview shows how black text looks on a background with the YUV color 156.7560, 0.1203, 8.1070.



This preview shows how white text looks on a background with the YUV color 156.7560, 0.1203,



# 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

156.7560, 0.1203, 8.1070

### Protanopia

156.0540, 1.4524, 0.8296

### Deuteranopia

157.3650, -0.1799, 11.0809



## Tritanopia

157.1520, 2.8831, 8.6367

# Trichromacy



## Original Color

156.7560, 0.1203, 8.1070

## Protanomaly

156.2500, 0.8628, 3.2887

## Deuteranomaly

157.0660, -0.0325, 10.4661

## Tritanomaly

156.9240, 2.0095, 8.8367

# Monochromacy



## Original Color

156.7560, 0.1203, 8.1070

## Achromatopsia

157.0000, 0.0000, 0.0000

## Achromatomaly

156.7230, 0.1366, 2.8739

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 156.7560, 0.1203, 8.1070 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(166, 152, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 152, 157)  
}
```

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(166, 152, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 152, 157) }
```

## Border

The CSS property to change the border of an element to YUV 156.7560, 0.1203, 8.1070 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(166, 152, 157) }
```



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

```
.border{ border-color:rgb(166, 152, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 152, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 152, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 152, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 152,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 156.7560, 0.1203, 8.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 152, 157) }
```

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

```
.background{ background-color: rgb(166,  
152, 157) }
```

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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