

# Converting Colors

YUV(126.9110, 11.3829,  
-57.8039)

Have a look what the booklet for  
YUV(126.9110, 11.3829, -57.8039)  
contains.

<b>YUV(126.9110, 11.3829, -57.8039)</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(126.9110, 11.3829,  
-57.8039)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D9C96
RGB	61, 156, 150
RGB Percent	24%, 61%, 59%
CMY	0.7608, 0.3882, 0.4118
CMYK	0.61, 0.00, 0.04, 0.39
HSL	176°, 44%, 43%
HSV	176°, 61%, 61%
XYZ	19.3180, 26.9710, 33.0419
YIQ	126.9110, -54.6940, -22.0060

# Conversions

## Conversions Part 2

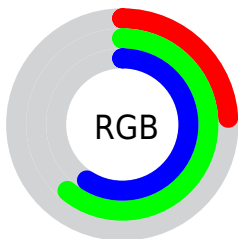
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 110, 156
Decimal	4037782
CIE <sub>Lab</sub>	58.95, -29.07, -5.18
CIE <sub>LCh</sub>	59, 29.532, 190.102
Yxy	26.9710, 0.2435, 0.3400
Android (android.graphics.Color)	4282227862 (0xFF3D9C96)
YUV	126.9110, 11.3829, -57.8039
Hunter-Lab	51.9337, -24.4866, -1.3687

# Details

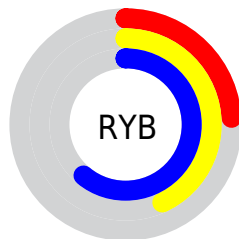
The YUV color **126.9110, 11.3829, -57.8039** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.0890, -11.3829, 57.8039**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6940, 10.5039, -55.8596**, and **72.3340, 13.1463, -63.4369** is the 20% darker color. If you saturate the color by 10%, you get **122.0130, 13.3046, -67.5404**, and if you desaturate by 10%, it is **131.8090, 9.4612, -48.0675**.

# Distribution



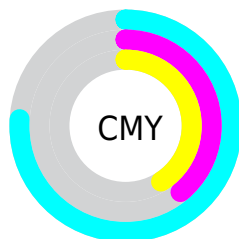
- Red (24%)
- Green (61%)
- Blue (59%)



- Red (24%)
- Yellow (43%)
- Blue (61%)



- Cyan (61%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (76%)
- Magenta (39%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.9110, 11.3829, -57.8039 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 126.9110, 11.3829, -57.8039 by changing the saturation by 10% instead.



■ 126.9110, 11.3829,  
-57.8039

■ 126.9110, 11.3829,  
-57.8039

■ 255.0000, 0.0000,  
0.0000

■ 98.2200, 12.7095,  
-63.3369

■ 182.6940, 10.5039,  
-55.8596

■ 72.3340, 13.1463,  
-63.4369

■ 210.6940, 10.5039,  
-55.8596

■ 55.6240, 10.0454,  
-48.7822

■ 231.3790, 11.6452,  
-48.5674

■ 38.9140, 6.9444,  
-34.1276

■ 240.0500, 7.3704,  
-30.7388

■ 24.1930, 3.8489,  
-21.2173

■ 248.7210, 3.0955,  
-12.9103

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 126.9110, 11.3829,  
-57.8039

■ 126.9110, 11.3829,  
-57.8039

■ 122.0130, 13.3046,  
-67.5404

■ 131.8090, 9.4612,  
-48.0675

■ 117.4140, 15.0789,  
-76.6621

■ 136.4080, 7.6869,  
-38.9458

■ 112.5160, 17.0006,  
-86.3985

■ 141.3060, 5.7651,  
-29.2094

■ 108.2160, 18.6275,  
-94.9054

■ 145.9050, 3.9908,  
-20.0877

■ 150.8030, 2.0691,  
-10.3512

■ 155.7010, 0.1474,  
-0.6148

■ 160.3000, -1.6269,  
8.5069

■ 165.1980, -3.5486,  
18.2434

■ 169.7970, -5.3229,  
27.3650

# Harmonies

## Analogous

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



132.2160, -4.5435, -36.1464



126.9110, 11.3829, -57.8039



125.4830, 23.9189, -65.3216

# Triad

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



126.9110, 11.3829, -57.8039



144.8760, 18.3021, 9.7557



141.4000, -23.3682, 28.5902

# Complementary

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



126.9110, 11.3829, -57.8039



90.0890, -11.3829, 57.8039

# 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.



143.3120, -16.4228, 40.9454



126.9110, 11.3829, -57.8039



145.4460, 7.1751, 32.0579

# Square

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



126.9110, 11.3829, -57.8039



140.6490, 25.8090, -18.1092



144.5970, -5.2243, 42.4494



139.3500, -24.3295, 10.2171



# Rectangle

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



126.9110, 11.3829, -57.8039



129.8740, 27.6701, -55.1405



144.5970, -5.2243, 42.4494



142.1880, -21.7847, 34.0381

# Sweetspot

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



126.9110, 11.3829, -57.8039



192.7090, 4.5805, -22.5468



118.5590, -28.3766, -45.2172



95.3080, 2.8062, -13.4251



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



126.9110, 11.3829, -57.8039



158.4230, 18.0325, -90.7020



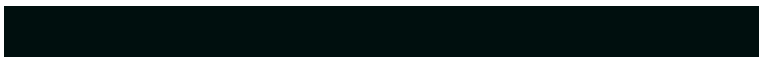
103.5280, 25.8687, -37.2971



76.6080, 1.1793, -4.9182



99.2170, 17.1480, -87.0133



10.4010, 1.7743, -9.1217



# Inverse Universe

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



90.0890, -11.3829, 57.8039



100.5770, -18.0325, 90.7020



113.4720, -25.8687, 37.2971



73.5060, -0.7425, 4.8182



43.7830, -17.1480, 87.0133

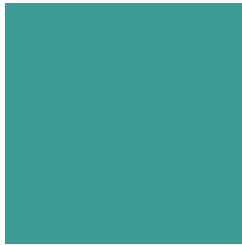


4.5990, -1.7743, 9.1217



# Previews

## White Background



This preview shows how the YUV color 126.9110, 11.3829, -57.8039 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

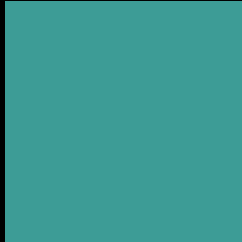
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 126.9110, 11.3829, -57.8039 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 × Fail

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

# YUV 126.9110, 11.3829, -57.8039

## Background



This preview shows how black text looks on a background with the YUV color 126.9110, 11.3829, -57.8039.



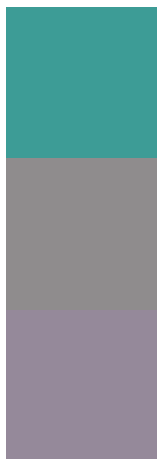
This preview shows how white text looks on a background with the YUV color 126.9110, 11.3829, -57.8039.



# 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

126.9110, 11.3829, -57.8039

### Protanopia

141.0110, -0.0054, 1.7444

### Deuteranopia

142.5260, 5.6567, 5.6777



## Tritanopia

129.6540, 17.9186, -54.0706

# Trichromacy



## Original Color

126.9110, 11.3829, -57.8039

## Protanomaly

135.9050, 3.9908, -20.0877

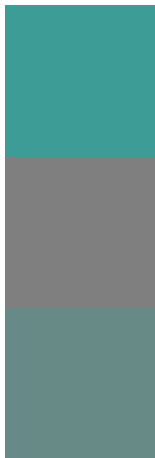
## Deuteranomaly

136.9530, 7.9112, -17.4988

## Tritanomaly

128.6600, 15.4506, -55.8298

# Monochromacy



## Original Color

126.9110, 11.3829, -57.8039

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.1930, 3.8489, -21.2173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.9110, 11.3829, -57.8039 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(61, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(61, 156, 150)  
}
```

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(61, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 156, 150) }
```

## Border

The CSS property to change the border of an element to YUV 126.9110, 11.3829, -57.8039 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(61, 156, 150) }
```



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

```
.border{ border-color:rgb(61, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(61, 156,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 126.9110, 11.3829, -57.8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 156, 150) }
```

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

```
.background{ background-color: rgb(61, 156,  
150) }
```

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