

# Converting Colors

YUV(136.3190, 2.8007,  
-11.6808)

Have a look what the booklet for  
YUV(136.3190, 2.8007, -11.6808)  
contains.

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# Color

**YUV(136.3190, 2.8007,  
-11.6808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8E8E
RGB	123, 142, 142
RGB Percent	48%, 56%, 56%
CMY	0.5176, 0.4431, 0.4431
CMYK	0.13, 0.00, 0.00, 0.44
HSL	180°, 8%, 52%
HSV	180°, 13%, 56%
XYZ	22.7239, 25.5099, 29.3174
YIQ	136.3190, -11.3240, -4.0280

# Conversions

## Conversions Part 2

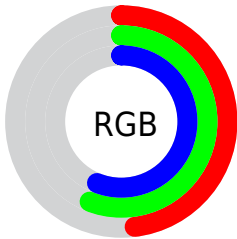
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 133, 142
Decimal	8097422
CIE <sub>Lab</sub>	57.57, -6.78, -2.30
CIE <sub>LCh</sub>	58, 7.162, 198.767
Yxy	25.5099, 0.2930, 0.3289
Android (android.graphics.Color)	4286287502 (0xFF7B8E8E)
YUV	136.3190, 2.8007, -11.6808
Hunter-Lab	50.5074, -8.0786, 0.9398

# Details

The YUV color  $[136.3190, 2.8007, -11.6808]$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $[128.6810, -2.8007, 11.6808]$ , and the grayscale version is  $[136.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[190.0200, 2.9481, -12.2955]$ , and  $[86.6180, 2.6533, -11.0660]$  is the 20% darker color. If you saturate the color by 10%, you get  $[132.1330, 4.8644, -20.2876]$ , and if you desaturate by 10%, it is  $[140.5050, 0.7370, -3.0739]$ .

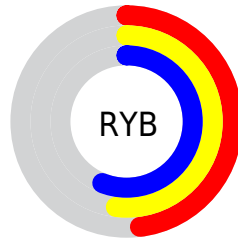
# Distribution



Red (48%)

Green (56%)

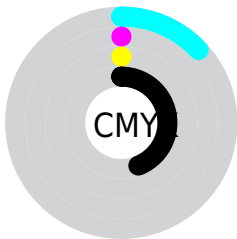
Blue (56%)



Red (48%)

Yellow (52%)

Blue (56%)

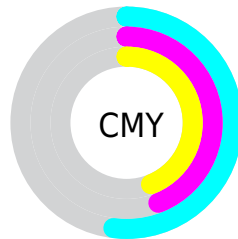


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.3190, 2.8007, -11.6808 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 136.3190, 2.8007, -11.6808 by changing the saturation by 10% instead.



■ 136.3190, 2.8007,  
-11.6808

■ 136.3190, 2.8007,  
-11.6808

■ 255.0000, 0.0000,  
0.0000

■ 110.6180, 2.6533,  
-11.0660

■ 190.0200, 2.9481,  
-12.2955

■ 86.6180, 2.6533,  
-11.0660

■ 217.7210, 3.0955,  
-12.9103

■ 62.9170, 2.5059,  
-10.4512

■ 245.7210, 3.0955,  
-12.9103

■ 40.9170, 2.5059,  
-10.4512

■ 20.3190, 2.8007,  
-11.6808

■ 0.0000, 0.0000,  
0.0000

■ 136.3190, 2.8007,  
-11.6808

■ 136.3190, 2.8007,  
-11.6808

■ 132.1330, 4.8644,  
-20.2876

■ 140.5050, 0.7370,  
-3.0739

■ 127.9470, 6.9281,  
-28.8945

■ 144.6910, -1.3267,  
5.5330

■ 123.4620, 9.1392,  
-38.1162

■ 149.1760, -3.5378,  
14.7546

■ 119.2760, 11.2029,  
-46.7231

■ 153.3620, -5.6015,  
23.3615

■ 115.0900, 13.2666,  
-55.3299

■ 157.5480, -7.6652,  
31.9684

■ 110.9040, 15.3303,  
-63.9368

■ 161.7340, -9.7289,  
40.5753

■ 106.7180, 17.3940,  
-72.5437

■ 165.9200,  
-11.7926, 49.1822

■ 102.2330, 19.6051,

■ 170.4050,

-81.7653

-14.0037, 58.4038

■ 99.5420, 20.9318,  
-87.2983

■ 174.5910,  
-16.0674, 67.0107

# Harmonies

## Analogous

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



136.5320, -0.2623, -9.2366



136.3190, 2.8007, -11.6808



136.6010, 5.1267, -11.0511

# Triad

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



136.3190, 2.8007, -11.6808



139.6460, 3.6255, 3.8185



138.4370, -6.1314, 6.6328

# Complementary

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



136.3190, 2.8007, -11.6808



128.6810, -2.8007, 11.6808

# 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.



139.1000, -4.9793, 10.4363



136.3190, 2.8007, -11.6808



139.5820, 0.6991, 9.1366

# Square

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



136.3190, 2.8007, -11.6808



138.4820, 5.6784, -1.2997



139.3820, -2.6533, 11.0660



137.5180, -5.6784, 1.2997



# Rectangle

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



136.3190, 2.8007, -11.6808



137.2530, 6.2843, -8.9919



139.3820, -2.6533, 11.0660



138.5620, -5.7001, 8.2771

# Sweetspot

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



136.3190, 2.8007, -11.6808



181.6080, 1.1793, -4.9182



134.1530, -5.4984, -9.7812



90.5050, 0.7370, -3.0739



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



136.3190, 2.8007, -11.6808



175.0300, 4.4222, -18.4433



131.0360, 5.4053, -7.0476



68.9070, 1.0318, -4.3034



94.6350, 19.8999, -82.9949



5.6080, 1.1793, -4.9182



# Inverse Universe

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



130.8470, 5.4984, 9.7812



166.3900, 8.6817, 15.4440



134.5510, -5.6946, 6.5328



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184



# Previews

## White Background



This preview shows how the YUV color 136.3190, 2.8007, -11.6808 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 136.3190, 2.8007, -11.6808 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

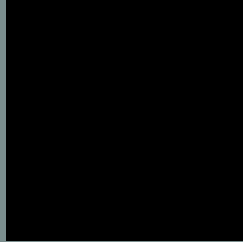
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 136.3190, 2.8007, -11.6808

## Background



This preview shows how black text looks on a background with the YUV color 136.3190, 2.8007, -11.6808.



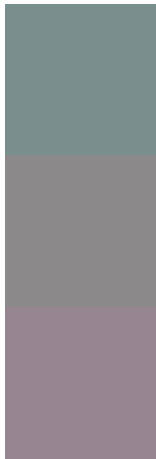
This preview shows how white text looks on a background with the YUV color 136.3190, 2.8007, -11.6808.

-11.6808.

# 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

136.3190, 2.8007, -11.6808

### Protanopia

138.1250, 0.4314, 1.6444

### Deuteranopia

139.6250, 2.1569, 8.2219



## Tritanopia

137.4700, 7.1633, -10.9362

# Trichromacy



## Original Color

136.3190, 2.8007, -11.6808

## Protanomaly

137.6190, 1.1738, -3.1739

## Deuteranomaly

138.5810, 2.1786, 1.2445

## Tritanomaly

136.7150, 5.5635, -11.1511

# Monochromacy



## Original Color

136.3190, 2.8007, -11.6808

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

135.9070, 1.0318, -4.3034

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.3190, 2.8007, -11.6808 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(123, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(123, 142, 142)  
}
```

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(123, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 142, 142) }
```

## Border

The CSS property to change the border of an element to YUV 136.3190, 2.8007, -11.6808 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(123, 142, 142) }
```



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

```
.border{ border-color:rgb(123, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(123, 142,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 136.3190, 2.8007, -11.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 142, 142) }
```

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

```
.background{ background-color: rgb(123,  
142, 142) }
```

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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