

# Converting Colors

YUV(136.0320, -1.9878,  
-15.8141)

Have a look what the booklet for  
YUV(136.0320, -1.9878, -15.8141)  
contains.

<b>YUV(136.0320, -1.9878, -15.8141)</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(136.0320, -1.9878,  
-15.8141)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769284
RGB	118, 146, 132
RGB Percent	46%, 57%, 52%
CMY	0.5373, 0.4275, 0.4824
CMYK	0.19, 0.00, 0.10, 0.43
HSL	150°, 11%, 52%
HSV	150°, 19%, 57%
XYZ	21.9150, 26.0753, 25.7078
YIQ	136.0320, -12.1940, -10.2900

# Conversions

## Conversions Part 2

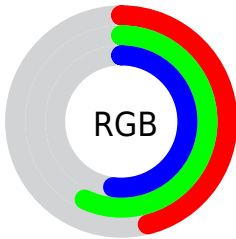
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 137, 146
Decimal	7770756
CIE <sub>Lab</sub>	58.11, -12.83, 4.16
CIE <sub>LCh</sub>	58, 13.491, 162.041
Yxy	26.0753, 0.2974, 0.3538
Android (android.graphics.Color)	4285960836 (0xFF769284)
YUV	136.0320, -1.9878, -15.8141
Hunter-Lab	51.0639, -12.7556, 5.8956

# Details

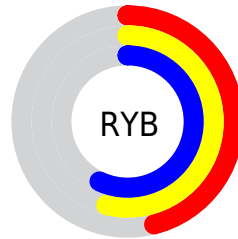
The YUV color **136.0320, -1.9878, -15.8141** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **127.9680, 1.9878, 15.8141**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3200, -2.1298, -16.9436**, and **85.8580, -1.4090, -14.7845** is the 20% darker color. If you saturate the color by 10%, you get **130.7490, -2.8343, -24.3359**, and if you desaturate by 10%, it is **141.3150, -1.1413, -7.2923**.

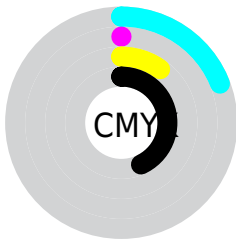
# Distribution



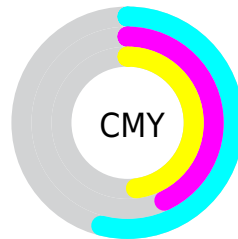
- Red (46%)
- Green (57%)
- Blue (52%)



- Red (46%)
- Yellow (54%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)



- Cyan (54%)
- Magenta (43%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.0320, -1.9878, -15.8141 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 136.0320, -1.9878, -15.8141 by changing the saturation by 10% instead.



■ 136.0320, -1.9878,  
-15.8141

■ 136.0320, -1.9878,  
-15.8141

255.0000, 0.0000,  
0.0000

■ 110.4450, -1.6984,  
-15.2993

■ 189.3200, -2.1298,  
-16.9436

■ 85.8580, -1.4090,  
-14.7845

■ 217.3200, -2.1298,  
-16.9436

■ 62.8580, -1.4090,  
-14.7845

■ 244.7330, -1.8404,  
-16.4288

■ 40.2710, -1.1196,  
-14.2697

■ 18.6730, -0.8248,  
-15.4992

■ 0.0000, 0.0000,  
0.0000

■ 136.0320, -1.9878,  
-15.8141

■ 136.0320, -1.9878,  
-15.8141

■ 130.7490, -2.8343,  
-24.3359

■ 141.3150, -1.1413,  
-7.2923

■ 125.6510, -4.2649,  
-32.1429

■ 146.4130, 0.2894,  
0.5148

■ 120.3680, -5.1114,  
-40.6647

■ 151.6960, 1.1359,  
9.0366

■ 115.3840, -6.1053,  
-48.5718

■ 156.6800, 2.1298,  
16.9436

■ 110.1010, -6.9518,  
-57.0936

■ 161.9630, 2.9762,  
25.4654

■ 104.7040, -8.2351,  
-65.5154

■ 167.3600, 4.2595,  
33.8873

■ 99.7200, -9.2290,  
-73.4224


■ 172.3440, 5.2534,  
41.7943


■ 94.4370, -10.0754,

■ 177.6270, 6.0999,

-81.9442

50.3161

 94.0240, -10.3648,  
-82.4590

 182.7250, 7.5306,  
58.1232

# Harmonies

## Analogous

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



137.6050, -7.6933, -5.7926



136.0320, -1.9878, -15.8141



135.5950, 4.1437, -22.4468

# Triad

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



136.0320, -1.9878, -15.8141



139.9420, 11.3676, -6.0881



140.9440, -8.3534, 19.3431

# Complementary

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



136.0320, -1.9878, -15.8141



127.9680, 1.9878, 15.8141

# 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.



141.9100, -3.4066, 19.3729



136.0320, -1.9878, -15.8141



141.3950, 7.6933, 5.7926

# Square

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



136.0320, -1.9878, -15.8141



137.6910, 11.9843, -17.2690



141.7830, 2.5720, 15.0993



139.9280, -10.8105, 14.0951



# Rectangle

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



136.0320, -1.9878, -15.8141



135.6210, 8.0748, -23.3466



141.7830, 2.5720, 15.0993



141.1120, -6.4642, 20.0728

# Sweetspot

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



136.0320, -1.9878, -15.8141



184.7280, -0.8519, -6.7775



138.6220, -10.1666, -5.8075



91.8640, -0.4260, -3.3887



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



136.0320, -1.9878, -15.8141



173.3360, -3.1236, -24.8507



137.6280, 4.1274, -17.2138



71.4510, -0.7153, -3.9035



88.8720, -9.7969, -77.9407



6.4400, -0.7099, -5.6479



# Inverse Universe

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



127.9680, 1.9878, 15.8141



160.6640, 3.1236, 24.8507



126.3720, -4.1274, 17.2138



69.4350, 0.2785, 4.0035



49.1280, 9.7969, 77.9407



3.5600, 0.7099, 5.6479



# Previews

## White Background



This preview shows how the YUV color 136.0320, -1.9878, -15.8141 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

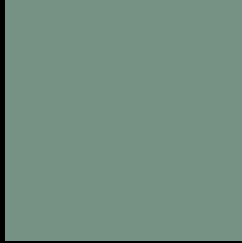
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.0320, -1.9878, -15.8141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

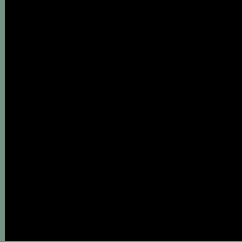
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

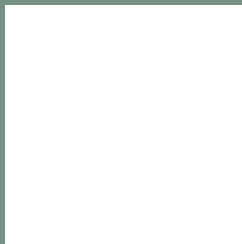
Any Text WCAG AAA × Fail

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

# YUV 136.0320, -1.9878, -15.8141 Background



This preview shows how black text looks on a background with the YUV color 136.0320, -1.9878, -15.8141.



This preview shows how white text looks on a background with the YUV color 136.0320, -1.9878,

-15.8141.

# 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

136.0320, -1.9878, -15.8141

### Protanopia

139.2410, -5.5418, 4.1736

### Deuteranopia

140.8660, -3.3849, 12.3955



## Tritanopia

137.9750, 7.9003, -14.0101

# Trichromacy



## Original Color

136.0320, -1.9878, -15.8141

## Protanomaly

138.4250, -4.6465, -3.0037

## Deuteranomaly

139.2130, -3.0630, 2.4442

## Tritanomaly

137.3510, 4.2640, -14.3398

# Monochromacy



## Original Color

136.0320, -1.9878, -15.8141

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.1410, -0.5625, -6.2627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.0320, -1.9878, -15.8141 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(118, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(118, 146, 132)  
}
```

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(118, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 146, 132) }
```

## Border

The CSS property to change the border of an element to YUV 136.0320, -1.9878, -15.8141 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(118, 146, 132) }
```



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

```
.border{ border-color:rgb(118, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(118, 146,  
132) }
```

# Background

The CSS property to change the background color of an element to YUV 136.0320, -1.9878, -15.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 146, 132) }
```

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

```
.background{ background-color: rgb(118,  
146, 132) }
```

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