

# Converting Colors

YUV(115.8820, 8.9322,  
-18.3135)

Have a look what the booklet for  
YUV(115.8820, 8.9322, -18.3135)  
contains.

<b>YUV(115.8820, 8.9322, -18.3135)</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(115.8820, 8.9322,  
-18.3135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F7B86
RGB	95, 123, 134
RGB Percent	37%, 48%, 53%
CMY	0.6275, 0.5176, 0.4745
CMYK	0.29, 0.08, 0.00, 0.47
HSL	197°, 17%, 45%
HSV	197°, 29%, 53%
XYZ	16.1053, 18.3200, 25.2415
YIQ	115.8820, -20.2190, -2.5150

# Conversions

## Conversions Part 2

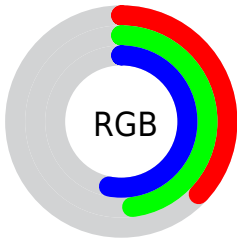
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 111, 134
Decimal	6257542
CIE <sub>Lab</sub>	49.88, -7.29, -9.27
CIE <sub>LCh</sub>	50, 11.796, 231.814
Yxy	18.3200, 0.2699, 0.3070
Android (android.graphics.Color)	4284447622 (0xFF5F7B86)
YUV	115.8820, 8.9322, -18.3135
Hunter-Lab	42.8019, -7.7380, -5.0037

# Details

The YUV color **115.8820, 8.9322, -18.3135** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.1180, -8.9322, 18.3135**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6970, 9.5164, -19.0283**, and **67.0670, 8.3480, -17.5988** is the 20% darker color. If you saturate the color by 10%, you get **109.6470, 12.0060, -24.2464**, and if you desaturate by 10%, it is **122.1170, 5.8583, -12.3806**.

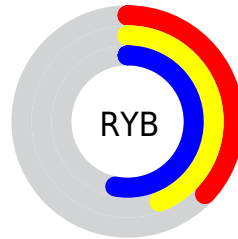
# Distribution



Red (37%)

Green (48%)

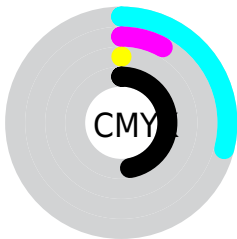
Blue (53%)



Red (37%)

Yellow (44%)

Blue (53%)

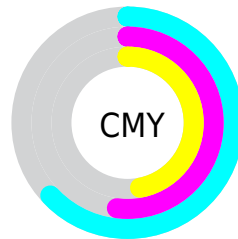


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (52%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.8820, 8.9322, -18.3135 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 115.8820, 8.9322, -18.3135 by changing the saturation by 10% instead.



■ 115.8820, 8.9322,  
-18.3135

■ 115.8820, 8.9322,  
-18.3135

■ 255.0000, 0.0000,  
0.0000

■ 91.1810, 8.7848,  
-17.6987

■ 167.6970, 9.5164,  
-19.0283

■ 67.0670, 8.3480,  
-17.5988

■ 195.3980, 9.6638,  
-19.6430

■ 44.6540, 8.0586,  
-18.1136

■ 223.3980, 9.6638,  
-19.6430

■ 22.9420, 7.9166,  
-19.2431

■ 247.2260, 3.8326,  
-15.9842

■ 2.7530, 8.0098,  
-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 115.8820, 8.9322,  
-18.3135

■ 115.8820, 8.9322,  
-18.3135

■ 109.6470, 12.0060,  
-24.2464

■ 122.1170, 5.8583,  
-12.3806

■ 103.1130, 15.2273,  
-30.7941

■ 128.6510, 2.6371,  
-5.8329

■ 97.4650, 18.0118,  
-37.2418

■ 134.2990, -0.1474,  
0.6148

■ 90.9310, 21.2330,  
-43.7895

■ 140.8330, -3.3687,  
7.1625

■ 84.6960, 24.3069,  
-49.7224

■ 147.0680, -6.4425,  
13.0954

■ 78.4610, 27.3807,  
-55.6553

■ 153.3030, -9.5164,  
19.0283

■ 72.5140, 30.3126,  
-62.7178


■ 159.2500,  
-12.4482, 26.0907

■ 71.6280, 30.7494,

■ 165.4850,

-62.8178

-15.5221, 32.0237

 172.0190,  
-18.7434, 38.5713

# Harmonies

## Analogous

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



114.9590, 5.4432, -19.2580



115.8820, 8.9322, -18.3135



117.2680, 10.2209, -11.6360

# Triad

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



115.8820, 8.9322, -18.3135



120.6150, 0.6828, 14.3696



117.4210, -8.5886, 1.3848

# Complementary

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



115.8820, 8.9322, -18.3135



113.1180, -8.9322, 18.3135

# 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.



118.5360, -9.6312, 9.1769



115.8820, 8.9322, -18.3135



120.3720, -4.1274, 17.2138

# Square

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



115.8820, 8.9322, -18.3135



120.4230, 5.2145, 7.5220



119.6230, -8.1951, 15.2396



116.2780, -5.0671, -8.1368



# Rectangle

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



115.8820, 8.9322, -18.3135



118.7850, 9.4730, -5.0734



119.6230, -8.1951, 15.2396



117.6170, -9.1782, 3.8439

# Sweetspot

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



115.8820, 8.9322, -18.3135



166.1670, 3.3687, -7.1625



119.0330, -6.9183, -21.0769



82.2490, 2.3422, -4.6034



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



115.8820, 8.9322, -18.3135



145.0810, 13.7641, -28.1350



104.7290, 14.4306, -8.5323



63.0320, 1.4632, -2.6591



69.4110, 29.8704, -60.8734



1.5160, 0.7316, -1.3295



# Inverse Universe

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



109.8530, 6.4815, 21.1769



135.8420, 9.9379, 32.5876



124.2710, -14.4306, 8.5323



62.2500, 0.8628, 3.2888



49.4720, 21.4593, 70.6231



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 115.8820, 8.9322, -18.3135 looks on a white 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



# Black Background



This preview shows how the YUV color 115.8820, 8.9322, -18.3135 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

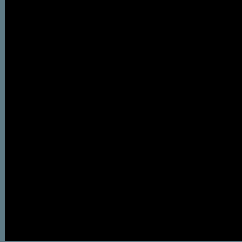
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

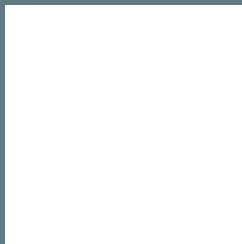
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 115.8820, 8.9322, -18.3135

## Background



This preview shows how black text looks on a background with the YUV color 115.8820, 8.9322, -18.3135.



This preview shows how white text looks on a background with the YUV color 115.8820, 8.9322, -18.3135.

-18.3135.

# 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

115.8820, 8.9322, -18.3135

### Protanopia

119.1830, 5.8258, -1.9145

### Deuteranopia

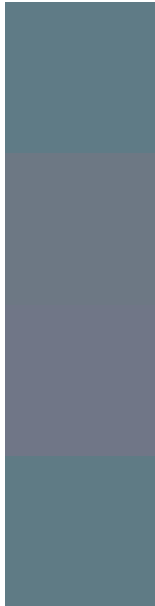
119.4870, 8.1409, 2.2039



## Tritanopia

115.7680, 8.4954, -18.2135

# Trichromacy



## Original Color

115.8820, 8.9322, -18.3135

## Protanomaly

118.0790, 6.8631, -7.9623

## Deuteranomaly

118.1440, 8.3100, -5.3883

## Tritanomaly

115.7680, 8.4954, -18.2135

# Monochromacy



## Original Color

115.8820, 8.9322, -18.3135

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

116.1670, 3.3687, -7.1625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.8820, 8.9322, -18.3135 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(95, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 134)  
}
```

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(95, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 134) }
```

## Border

The CSS property to change the border of an element to YUV 115.8820, 8.9322, -18.3135 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(95, 123, 134) }
```



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

```
.border{ border-color:rgb(95, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 115.8820, 8.9322, -18.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 134) }
```

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

```
.background{ background-color: rgb(95, 123,  
134) }
```

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