

# Converting Colors

YUV(121.7960, 12.9186, 9.8259)

Have a look what the booklet for  
YUV(121.7960, 12.9186, 9.8259)  
contains.

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# Color

**YUV(121.7960, 12.9186,  
9.8259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856F94
RGB	133, 111, 148
RGB Percent	52%, 44%, 58%
CMY	0.4784, 0.5647, 0.4196
CMYK	0.10, 0.25, 0.00, 0.42
HSL	276°, 15%, 51%
HSV	276°, 25%, 58%
XYZ	20.7026, 18.4935, 30.4954
YIQ	121.7960, 1.2350, 16.1710

# Conversions

## Conversions Part 2

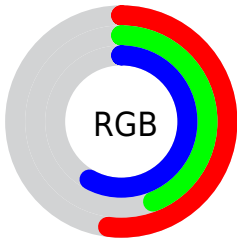
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 111, 148
Decimal	8744852
CIE <sub>Lab</sub>	50.09, 15.97, -16.91
CIE <sub>LCh</sub>	50, 23.257, 313.367
Yxy	18.4935, 0.2971, 0.2654
Android (android.graphics.Color)	4286934932 (0xFF856F94)
YUV	121.7960, 12.9186, 9.8259
Hunter-Lab	43.0041, 10.6744, -11.9413

# Details

The YUV color **121.7960, 12.9186, 9.8259** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **137.2040, -12.9186, -9.8259**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3230, 13.6448, 10.2407**, and **72.8560, 11.9030, 8.8963** is the 20% darker color. If you saturate the color by 10%, you get **111.1970, 18.1439, 13.8592**, and if you desaturate by 10%, it is **132.3950, 7.6933, 5.7926**.

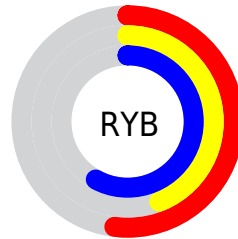
# Distribution



Red (52%)

Green (44%)

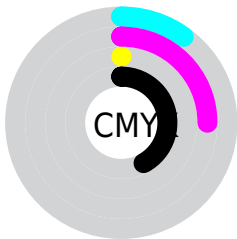
Blue (58%)



Red (52%)

Yellow (44%)

Blue (58%)

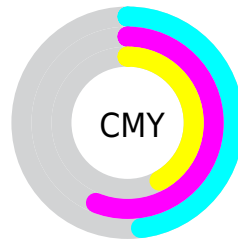


Cyan (10%)

Magenta (25%)

Yellow (0%)

Black (42%)



Cyan (48%)

Magenta (56%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.7960, 12.9186, 9.8259 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 121.7960, 12.9186, 9.8259 by changing the saturation by 10% instead.



■ 121.7960, 12.9186,  
9.8259

■ 121.7960, 12.9186,  
9.8259

■ 255.0000, 0.0000,  
0.0000

■ 97.2690, 12.1924,  
9.4111

■ 174.3230, 13.6448,  
10.2407

■ 72.8560, 11.9030,  
8.8963

■ 201.7360, 13.9342,  
10.7555

■ 50.0300, 11.3242,  
7.8667

■ 229.6930, 12.4764,  
11.6702

■ 28.6170, 11.0348,  
7.3519

■ 249.7170, 2.6045,  
4.6332

■ 9.1010, 10.3032,  
8.6814

■ 0.0000, 0.0000,  
0.0000

121.7960, 12.9186,  
9.8259

121.7960, 12.9186,  
9.8259

111.1970, 18.1439,  
13.8592

132.3950, 7.6933,  
5.7926

100.5980, 23.3692,  
17.8926

142.9940, 2.4680,  
1.7593

90.5860, 28.3051,  
21.4111

153.0060, -2.4680,  
-1.7593

79.9870, 33.5304,  
25.4444

163.6050, -7.6933,  
-5.7926

69.3880, 38.7557,  
29.4777

174.2040,  
-12.9186, -9.8259

58.7890, 43.9810,  
33.5110

184.8030,  
-18.1439, -13.8592

48.1900, 49.2063,  
37.5444


195.4020,  
-23.3692, -17.8926

43.1840, 51.6743,

205.4140,

39.3036

-28.3051, -21.4111

 216.0130,  
-33.5304, -25.4444

# Harmonies

## Analogous

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



118.8580, 18.8040, -11.2765



121.7960, 12.9186, 9.8259



122.3050, 4.2866, 25.1655

# Triad

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



121.7960, 12.9186, 9.8259



119.0230, -18.2523, 21.0278



108.8420, 9.4449, -42.8344

# Complementary

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



121.7960, 12.9186, 9.8259



137.2040, -12.9186, -9.8259

# 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.



111.5420, -2.2392, -28.5393



121.7960, 12.9186, 9.8259



117.2230, -18.3509, 5.9434

# Square

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



121.7960, 12.9186, 9.8259



120.3430, -13.4801, 30.3942



114.7200, -12.1870, -11.1554



108.8230, 18.3283, -45.4488



# Rectangle

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



121.7960, 12.9186, 9.8259



121.4430, -1.6974, 31.1835



114.7200, -12.1870, -11.1554



109.5390, 5.6503, -39.0607

# Sweetspot

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



121.7960, 12.9186, 9.8259



180.4010, 5.2253, 4.0333



124.0230, 11.8207, -11.4212



89.9340, 3.4835, 2.6889



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



121.7960, 12.9186, 9.8259



150.6640, 19.8856, 15.2037



125.9390, 9.3971, 19.3475



68.9940, 2.4680, 1.7593



40.2500, 48.1908, 36.6148



2.9340, 3.4835, 2.6889



# Inverse Universe

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



123.7730, 1.0979, 21.2471



153.6650, 1.6442, 32.7428



133.0610, -9.3971, -19.3475



69.4350, 0.2785, 4.0035



47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479



# Previews

## White Background



This preview shows how the YUV color 121.7960, 12.9186, 9.8259 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 121.7960, 12.9186, 9.8259 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

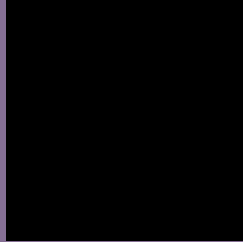
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.7960, 12.9186, 9.8259

## Background



This preview shows how black text looks on a background with the YUV color 121.7960, 12.9186, 9.8259.



This preview shows how white text looks on a background with the YUV color 121.7960, 12.9186, 9.8259.



# 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

121.7960, 12.9186, 9.8259

### Protanopia

119.5980, 16.4672, -8.4174

### Deuteranopia

120.4200, 13.1039, -2.9993



## Tritanopia

120.2120, 1.8675, 7.7071

# Trichromacy



## Original Color

121.7960, 12.9186, 9.8259

## Protanomaly

120.0010, 15.2825, -1.7549

## Deuteranomaly

121.0400, 12.7983, 1.7189

## Tritanomaly

120.9500, 5.9407, 7.9369

# Monochromacy



## Original Color

121.7960, 12.9186, 9.8259

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.8740, 4.4991, 3.6185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.7960, 12.9186, 9.8259 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(133, 111, 148)` looks like.

```
.text, #text, p{  
    color:rgb(133, 111, 148)  
}
```

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(133, 111, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 111, 148) }
```

## Border

The CSS property to change the border of an element to YUV 121.7960, 12.9186, 9.8259 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(133, 111, 148) }
```



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

```
.border{ border-color:rgb(133, 111, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 111, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 111, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 111, 148);  
box-shadow:4px 4px 4px 4px rgb(133, 111,  
148) }
```

# Background

The CSS property to change the background color of an element to YUV 121.7960, 12.9186, 9.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 111, 148) }
```

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

```
.background{ background-color: rgb(133,  
111, 148) }
```

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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