

# Converting Colors

YUV(121.2260, 10.7346,  
10.3258)

Have a look what the booklet for  
YUV(121.2260, 10.7346, 10.3258)  
contains.

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# Color

**YUV(121.2260, 10.7346,  
10.3258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856F8F
RGB	133, 111, 143
RGB Percent	52%, 44%, 56%
CMY	0.4784, 0.5647, 0.4392
CMYK	0.07, 0.22, 0.00, 0.44
HSL	281°, 13%, 50%
HSV	281°, 22%, 56%
XYZ	20.3152, 18.3386, 28.4556
YIQ	121.2260, 2.8400, 14.6160

# Conversions

## Conversions Part 2

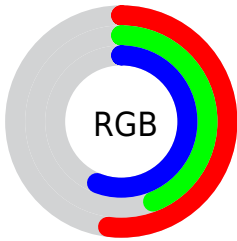
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 111, 143
Decimal	8744847
CIE <sub>Lab</sub>	49.90, 14.88, -14.24
CIE <sub>LCh</sub>	50, 20.596, 316.256
Yxy	18.3386, 0.3027, 0.2733
Android (android.graphics.Color)	4286934927 (0xFF856F8F)
YUV	121.2260, 10.7346, 10.3258
Hunter-Lab	42.8236, 9.7380, -9.4207

# Details

The YUV color **121.2260, 10.7346, 10.3258** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.7740, -10.7346, -10.3258**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7530, 11.4608, 10.7406**, and **72.4000, 10.1558, 9.2962** is the 20% darker color. If you saturate the color by 10%, you get **111.8120, 15.3757, 15.0739**, and if you desaturate by 10%, it is **130.6400, 6.0935, 5.5777**.

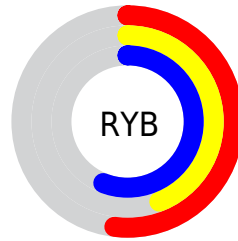
# Distribution



Red (52%)

Green (44%)

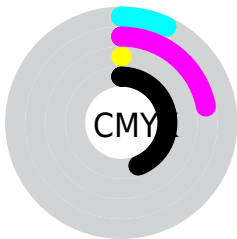
Blue (56%)



Red (52%)

Yellow (44%)

Blue (56%)

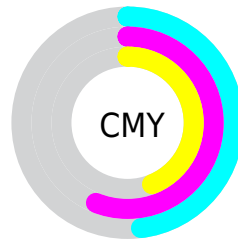


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (56%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.2260, 10.7346, 10.3258 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 121.2260, 10.7346, 10.3258 by changing the saturation by 10% instead.



■ 121.2260, 10.7346,  
10.3258

■ 121.2260, 10.7346,  
10.3258

■ 255.0000, 0.0000,  
0.0000

■ 96.6990, 10.0084,  
9.9110

■ 173.7530, 11.4608,  
10.7406

■ 72.4000, 10.1558,  
9.2962

■ 201.1660, 11.7502,  
11.2554

■ 49.8730, 9.4296,  
8.8814

■ 229.4650, 11.6028,  
11.8702

■ 28.1610, 9.2876,  
7.7518

■ 249.7170, 2.6045,  
4.6332

■ 8.6450, 8.5560,  
9.0813

■ 0.0000, 0.0000,  
0.0000

121.2260, 10.7346,  
10.3258

121.2260, 10.7346,  
10.3258

111.8120, 15.3757,  
15.0739

130.6400, 6.0935,  
5.5777

101.5120, 20.4536,  
19.7220

140.9400, 1.0156,  
0.9296

92.0980, 25.0947,  
24.4701

150.3540, -3.6255,  
-3.8185

82.3850, 29.8832,  
28.6034

160.0670, -8.4140,  
-7.9518

72.9710, 34.5243,  
33.3514

170.0680,  
-13.3445, -13.2146

62.6710, 39.6022,  
37.9995

179.7810,  
-18.1330, -17.3479

53.2570, 44.2433,  
42.7476


189.1950,  
-22.7741, -22.0960

45.6040, 48.0162,

198.9080,

45.9513

-27.5626, -26.2293

 208.9090,  
-32.4931, -31.4922

# Harmonies

## Analogous

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



118.8970, 16.3198, -7.8027



121.2260, 10.7346, 10.3258



121.5390, 2.6923, 23.2063

# Triad

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



121.2260, 10.7346, 10.3258



118.7560, -16.6417, 17.7540



110.0600, 8.8444, -36.8866

# Complementary

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



121.2260, 10.7346, 10.3258



132.7740, -10.7346, -10.3258

# 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.



112.1940, -1.0816, -26.4801



121.2260, 10.7346, 10.3258



117.1950, -15.8721, 4.2140

# Square

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



121.2260, 10.7346, 10.3258



119.5490, -12.5957, 26.7055



114.5890, -10.1504, -11.0406



111.1830, 15.6858, -37.8715



# Rectangle

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



121.2260, 10.7346, 10.3258



121.1930, -2.5601, 27.8947



114.5890, -10.1504, -11.0406



110.8600, 5.4920, -34.9572

# Sweetspot

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



121.2260, 10.7346, 10.3258



177.1730, 4.3517, 4.2333



120.5180, 11.0836, -8.3473



89.2930, 2.3206, 2.3740



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.



121.2260, 10.7346, 10.3258



151.8660, 16.8281, 15.9035



123.5320, 6.6397, 17.0734



66.2930, 2.3206, 2.3740



43.1970, 45.2589, 43.6772



2.4070, 2.7573, 2.2741



# Inverse Universe

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



121.7080, -0.3490, 18.6731



152.7740, -0.3816, 29.1392



130.4680, -6.6397, -17.0734



66.3210, -0.1583, 4.1035



45.1530, -1.5544, 78.7958



2.6200, -0.3057, 4.7183



# Previews

## White Background



This preview shows how the YUV color 121.2260, 10.7346, 10.3258 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 121.2260, 10.7346, 10.3258 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 121.2260, 10.7346, 10.3258

## Background



This preview shows how black text looks on a background with the YUV color 121.2260, 10.7346, 10.3258.



This preview shows how white text looks on a background with the YUV color 121.2260, 10.7346,



# 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

121.2260, 10.7346, 10.3258

### Protanopia

119.6260, 13.9884, -6.6880

### Deuteranopia

119.8610, 10.9145, -0.7551



## Tritanopia

120.3970, 1.2833, 8.4218

# Trichromacy



## Original Color

121.2260, 10.7346, 10.3258

## Protanomaly

120.0290, 12.8037, -0.0254

## Deuteranomaly

120.1820, 10.7563, 3.3484

## Tritanomaly

120.9070, 4.4828, 8.8516

# Monochromacy



## Original Color

121.2260, 10.7346, 10.3258

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

120.7600, 4.0623, 3.7185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.2260, 10.7346, 10.3258 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 111, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 111, 143) }
```

## Border

The CSS property to change the border of an element to YUV 121.2260, 10.7346, 10.3258 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, 143) }
```



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

```
.border{ border-color:rgb(133, 111, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 111, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 111, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 111,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 121.2260, 10.7346, 10.3258 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, 143) }
```

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

```
.background{ background-color: rgb(133,  
111, 143) }
```

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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