

# Converting Colors

YUV(122.4050, 5.7163,  
-13.5102)

Have a look what the booklet for  
YUV(122.4050, 5.7163, -13.5102)  
contains.

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# Color

**YUV(122.4050, 5.7163,  
-13.5102)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B8086
RGB	107, 128, 134
RGB Percent	42%, 50%, 53%
CMY	0.5804, 0.4980, 0.4745
CMYK	0.20, 0.04, 0.00, 0.47
HSL	193°, 11%, 47%
HSV	193°, 20%, 53%
XYZ	18.0857, 20.2854, 25.5165
YIQ	122.4050, -14.4420, -2.5860

# Conversions

## Conversions Part 2

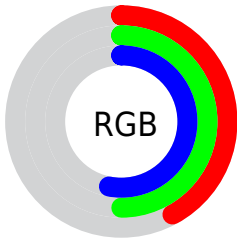
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 119, 134
Decimal	7045254
CIE <sub>Lab</sub>	52.16, -6.20, -5.79
CIE <sub>LCh</sub>	52, 8.484, 223.052
Yxy	20.2854, 0.2831, 0.3175
Android (android.graphics.Color)	4285235334 (0xFF6B8086)
YUV	122.4050, 5.7163, -13.5102
Hunter-Lab	45.0393, -7.1416, -2.0626

# Details

The YUV color **122.4050, 5.7163, -13.5102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.5950, -5.7163, 13.5102**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1060, 5.8637, -14.1250**, and **73.5900, 5.1321, -12.7954** is the 20% darker color. If you saturate the color by 10%, you get **116.7570, 8.5008, -19.9579**, and if you desaturate by 10%, it is **128.0530, 2.9319, -7.0625**.

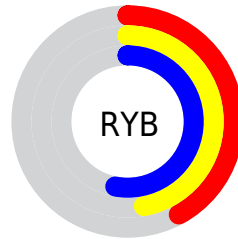
# Distribution



Red (42%)

Green (50%)

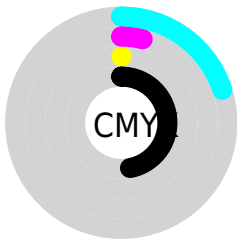
Blue (53%)



Red (42%)

Yellow (47%)

Blue (53%)

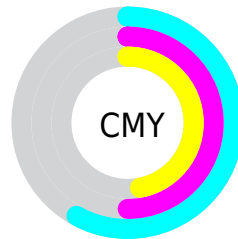


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (50%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.4050, 5.7163, -13.5102 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 122.4050, 5.7163, -13.5102 by changing the saturation by 10% instead.



■ 122.4050, 5.7163,  
-13.5102

■ 122.4050, 5.7163,  
-13.5102

■ 255.0000, 0.0000,  
0.0000

■ 97.4050, 5.7163,  
-13.5102

■ 175.1060, 5.8637,  
-14.1250

■ 73.5900, 5.1321,  
-12.7954

■ 202.2200, 6.3005,  
-14.2249

■ 50.8890, 4.9847,  
-12.1807

■ 230.8070, 6.0111,  
-14.7397

■ 29.5900, 5.1321,  
-12.7954

■ 251.1130, 1.9163,  
-7.9921

■ 9.7970, 4.5371,  
-8.5920

■ 0.0000, 0.0000,  
0.0000

■ 122.4050, 5.7163,  
-13.5102

■ 122.4050, 5.7163,  
-13.5102

■ 116.7570, 8.5008,  
-19.9579

■ 128.0530, 2.9319,  
-7.0625

■ 110.8100, 11.4327,  
-27.0204

■ 134.0000, 0.0000,  
0.0000

■ 105.1620, 14.2171,  
-33.4681

■ 139.6480, -2.7845,  
6.4477

■ 99.2150, 17.1490,  
-40.5306

■ 145.5950, -5.7163,  
13.5102

■ 93.5670, 19.9335,  
-46.9783

■ 151.2430, -8.5008,  
19.9579

■ 87.9190, 22.7179,  
-53.4260

■ 156.8910,  
-11.2853, 26.4056

■ 81.9720, 25.6498,  
-60.4884


■ 162.8380,  
-14.2171, 33.4681

■ 76.3240, 28.4343,

■ 168.4860,

-66.9361

-17.0016, 39.9158

 174.4330,  
-19.9335, 46.9783

# Harmonies

## Analogous

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



122.1940, 2.3694, -13.3251



122.4050, 5.7163, -13.5102



123.1820, 7.3053, -9.8066

# Triad

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



122.4050, 5.7163, -13.5102



126.1090, 1.4253, 9.5514



123.8880, -6.8468, 2.7292

# Complementary

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



122.4050, 5.7163, -13.5102



118.5950, -5.7163, 13.5102

# 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.



124.9210, -6.8631, 7.9623



122.4050, 5.7163, -13.5102



126.0940, -2.5113, 12.1956

# Square

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



122.4050, 5.7163, -13.5102



125.8740, 4.4991, 3.6185



125.1110, -4.9847, 12.1807



123.1260, -4.4991, -3.6185



# Rectangle

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



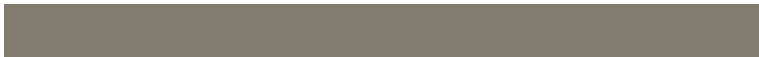
122.4050, 5.7163, -13.5102



124.5030, 7.1470, -5.7031



125.1110, -4.9847, 12.1807



124.1980, -6.9996, 5.0884

# Sweetspot

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



122.4050, 5.7163, -13.5102



168.8360, 2.0529, -5.1182



123.5330, -5.1928, -14.4994



84.0320, 1.4632, -2.6591



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.



122.4050, 5.7163, -13.5102



155.4580, 8.6482, -20.5727



114.7740, 9.4784, -6.8178



63.6190, 1.1738, -3.1739



74.1070, 27.5552, -64.9918



1.5160, 0.7316, -1.3295



# Inverse Universe

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



117.4670, 5.1928, 14.4994



147.9070, 7.9338, 22.0066



126.2260, -9.4784, 6.8178



62.3640, 1.2995, 3.1888



50.3840, 24.9537, 69.8232



1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 122.4050, 5.7163, -13.5102 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

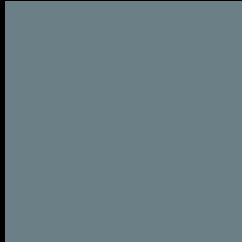
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 122.4050, 5.7163, -13.5102 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

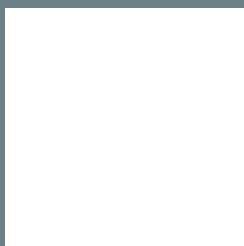
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 122.4050, 5.7163, -13.5102

## Background



This preview shows how black text looks on a background with the YUV color 122.4050, 5.7163, -13.5102.



This preview shows how white text looks on a background with the YUV color 122.4050, 5.7163,

-13.5102.

# 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

122.4050, 5.7163, -13.5102

### Protanopia

124.2110, 3.3470, -0.1850

### Deuteranopia

125.5860, 4.6411, 4.7481



## Tritanopia

122.5730, 7.6055, -12.7805

# Trichromacy



## Original Color

122.4050, 5.7163, -13.5102

## Protanomaly

123.7050, 4.0894, -5.0033

## Deuteranomaly

124.6560, 5.0996, -2.3293

## Tritanomaly

122.4590, 7.1687, -12.6805

# Monochromacy



## Original Color

122.4050, 5.7163, -13.5102

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.1350, 1.9054, -4.5034

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.4050, 5.7163, -13.5102 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(107, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(107, 128, 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(107, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 128, 134) }
```

## Border

The CSS property to change the border of an element to YUV 122.4050, 5.7163, -13.5102 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(107, 128, 134) }
```



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

```
.border{ border-color:rgb(107, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 128, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 128, 134); box-shadow:4px 4px 4px 4px rgb(107, 128, 134) }
```

# Background

The CSS property to change the background color of an element to YUV 122.4050, 5.7163, -13.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 128, 134) }
```

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

```
.background{ background-color: rgb(107,  
128, 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](#).

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