

# Converting Colors

YUV(121.9810, -4.4276,  
20.1877)

Have a look what the booklet for  
YUV(121.9810, -4.4276, 20.1877)  
contains.

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# Color

**YUV(121.9810, -4.4276,  
20.1877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	917071
RGB	145, 112, 113
RGB Percent	57%, 44%, 44%
CMY	0.4314, 0.5608, 0.5569
CMYK	0.00, 0.23, 0.22, 0.43
HSL	358°, 13%, 50%
HSV	358°, 23%, 57%
XYZ	20.4519, 18.8003, 18.1737
YIQ	121.9810, 19.3470, 7.3070

# Conversions

## Conversions Part 2

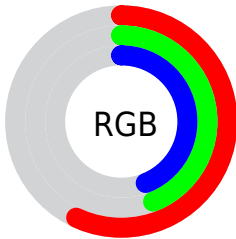
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 112, 113
Decimal	9531505
CIE <sub>Lab</sub>	50.45, 13.18, 4.46
CIE <sub>LCh</sub>	50, 13.916, 18.675
Yxy	18.8003, 0.3561, 0.3274
Android (android.graphics.Color)	4287721585 (0xFF917071)
YUV	121.9810, -4.4276, 20.1877
Hunter-Lab	43.3594, 8.3165, 5.5007

# Details

The YUV color **121.9810, -4.4276, 20.1877** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.0190, 4.4276, -20.1877**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5790, -4.7224, 21.4172**, and **73.0840, -3.9854, 18.3433** is the 20% darker color. If you saturate the color by 10%, you get **111.5800, -6.2019, 29.3093**, and if you desaturate by 10%, it is **132.3820, -2.6533, 11.0660**.

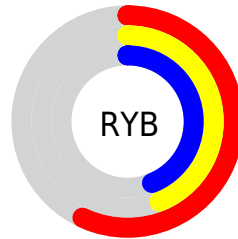
# Distribution



Red (57%)

Green (44%)

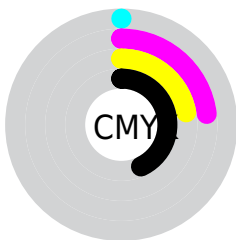
Blue (44%)



Red (57%)

Yellow (44%)

Blue (44%)

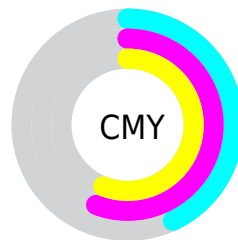


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (43%)



Cyan (43%)

Magenta (56%)


Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.9810, -4.4276, 20.1877 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 121.9810, -4.4276, 20.1877 by changing the saturation by 10% instead.





 121.9810, -4.4276,  
20.1877


 121.9810, -4.4276,  
20.1877


255.0000, 0.0000,  
0.0000

 96.7960, -3.8434,  
19.4729


 174.5790, -4.7224,  
21.4172

 73.0840, -3.9854,  
18.3433


 202.1770, -5.0173,  
22.6468

 50.4860, -3.6906,  
17.1138

 229.8780, -4.8699,  
22.0320

 28.7030, -2.8116,  
15.1695

 249.5060, -0.7425,  
4.8182

 8.0730, -3.9800,  
16.5990

 0.0000, 0.0000,  
0.0000

121.9810, -4.4276,  
20.1877

121.9810, -4.4276,  
20.1877

111.5800, -6.2019,  
29.3093

132.3820, -2.6533,  
11.0660

101.7660, -8.2656,  
37.9162

142.1960, -0.5896,  
2.4591

91.3650, -10.0399,  
47.0379

152.0100, 1.4741,  
-6.1478

81.5510, -12.1036,  
55.6448

162.4110, 3.2484,  
-15.2694

71.1500, -13.8779,  
64.7665

172.8120, 5.0227,  
-24.3911

61.3360, -15.9416,  
73.3733

182.6260, 7.0864,  
-32.9980

51.5220, -18.0053,  
81.9802

192.4400, 9.1501,  
-41.6049

43.8110, -19.6268,

202.8410, 10.9244,

88.7428

-50.7266

 213.3560, 13.1355,  
-59.9482

# Harmonies

## Analogous

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



122.1530, 1.4036, 16.5288



121.9810, -4.4276, 20.1877



121.1180, -8.9322, 18.3135

# Triad

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



121.9810, -4.4276, 20.1877



117.5230, -6.6668, -8.3517



118.1150, 12.2683, -15.0099

# Complementary

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



121.9810, -4.4276, 20.1877



135.0190, 4.4276, -20.1877

# 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.



116.2020, 10.2534, -22.1022



121.9810, -4.4276, 20.1877



116.3630, -0.6720, -17.8584

# Square

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



121.9810, -4.4276, 20.1877



118.9650, -10.3357, 1.7847



115.6380, 5.6015, -23.3615



120.7250, 10.4886, -4.1438



# Rectangle

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



121.9810, -4.4276, 20.1877



120.2270, -10.9579, 14.7099



115.6380, 5.6015, -23.3615



117.9790, 11.8424, -18.3986

# Sweetspot

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



121.9810, -4.4276, 20.1877



179.3000, -1.6269, 8.5069



125.3300, 9.6973, 16.3736



89.0930, -1.0318, 4.3034



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.



121.9810, -4.4276, 20.1877



153.3630, -7.0810, 31.2536



130.6720, -9.2053, 12.5657



66.0930, -1.0318, 4.3034



40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182



# Inverse Universe

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



121.9810, -4.4276, 20.1877



153.3630, -7.0810, 31.2536



126.3280, 9.2053, -12.5657



66.0930, -1.0318, 4.3034



40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182



# Previews

## White Background



This preview shows how the YUV color 121.9810, -4.4276, 20.1877 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 121.9810, -4.4276, 20.1877 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 121.9810, -4.4276, 20.1877

## Background



This preview shows how black text looks on a background with the YUV color 121.9810, -4.4276, 20.1877.



This preview shows how white text looks on a background with the YUV color 121.9810, -4.4276,



# 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

121.9810, -4.4276, 20.1877

### Protanopia

120.5550, -1.7526, 2.1443

### Deuteranopia

121.2250, -4.5479, 12.0807



## Tritanopia

122.4910, -1.2281, 20.6174

# Trichromacy



## Original Color

121.9810, -4.4276, 20.1877

## Protanomaly

121.0720, -2.5005, 8.7069

## Deuteranomaly

121.8340, -4.8482, 15.0546

## Tritanomaly

122.1490, -2.5385, 20.9173

# Monochromacy



## Original Color

121.9810, -4.4276, 20.1877

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.7020, -1.3321, 7.2773

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.9810, -4.4276, 20.1877 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(145, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(145, 112, 113)  
}
```

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(145, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 112, 113) }
```

## Border

The CSS property to change the border of an element to YUV 121.9810, -4.4276, 20.1877 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(145, 112, 113) }
```



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

```
.border{ border-color:rgb(145, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(145, 112,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 121.9810, -4.4276, 20.1877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 112, 113) }
```

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

```
.background{ background-color: rgb(145,  
112, 113) }
```

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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