

# Converting Colors

YUV(121.8940, -2.4127,  
27.2800)

Have a look what the booklet for  
YUV(121.8940, -2.4127, 27.2800)  
contains.

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# Color

**YUV(121.8940, -2.4127,  
27.2800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996B75
RGB	153, 107, 117
RGB Percent	60%, 42%, 46%
CMY	0.4000, 0.5804, 0.5412
CMYK	0.00, 0.30, 0.24, 0.40
HSL	347°, 18%, 51%
HSV	347°, 30%, 60%
XYZ	21.6055, 18.5720, 19.2757
YIQ	121.8940, 24.2060, 12.8620

# Conversions

## Conversions Part 2

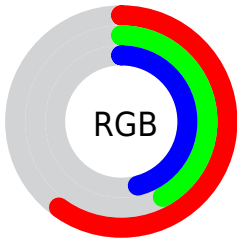
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 107, 117
Decimal	10054517
CIE Lab	50.18, 19.88, 1.81
CIE LCh	50, 19.961, 5.197
Yxy	18.5720, 0.3634, 0.3124
Android (android.graphics.Color)	4288244597 (0xFF996B75)
YUV	121.8940, -2.4127, 27.2800
Hunter-Lab	43.0953, 14.0726, 3.6475

# Details

The YUV color **121.8940, -2.4127, 27.2800** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.1060, 2.4127, -27.2800**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7910, -2.8550, 29.1243**, and **72.6980, -1.8231, 24.8209** is the 20% darker color. If you saturate the color by 10%, you get **111.7210, -3.3135, 36.2017**, and if you desaturate by 10%, it is **132.0670, -1.5120, 18.3582**.

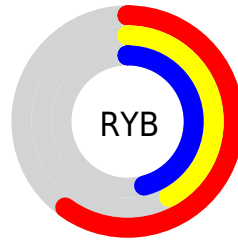
# Distribution



Red (60%)

Green (42%)

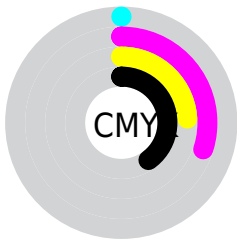
Blue (46%)



Red (60%)

Yellow (42%)

Blue (46%)

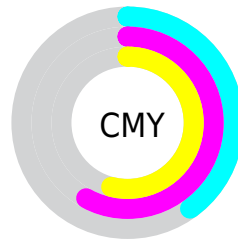


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (58%)

Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.8940, -2.4127, 27.2800 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 121.8940, -2.4127, 27.2800 by changing the saturation by 10% instead.





 121.8940, -2.4127,  
27.2800

 121.8940, -2.4127,  
27.2800


255.0000, 0.0000,  
0.0000

 96.5950, -2.2653,  
26.6652


 174.7910, -2.8550,  
29.1243


 72.6980, -1.8231,  
24.8209


 202.3890, -3.1498,  
30.3538


 49.8010, -1.3809,  
22.9765

 227.3990, -1.6757,  
24.2061

 27.3170, -0.6493,  
21.6470

 247.1410, 2.8885,  
6.8923

 10.2800, -4.5750,  
20.8024

 0.0000, 0.0000,  
0.0000

121.8940, -2.4127,  
27.2800

121.8940, -2.4127,  
27.2800

111.7210, -3.3135,  
36.2017

132.0670, -1.5120,  
18.3582

100.9610, -3.9248,  
45.6382

142.8270, -0.9007,  
8.9217

90.7880, -4.8255,  
54.5599

153.0000, 0.0000,  
0.0000

80.6150, -5.7262,  
63.4816

163.1730, 0.9007,  
-8.9217

69.8550, -6.3375,  
72.9182

173.9330, 1.5120,  
-18.3582

59.6820, -7.2382,  
81.8399


184.1060, 2.4127,  
-27.2800

49.5090, -8.1389,  
90.7616

194.2790, 3.3135,  
-36.2017

204.4520, 4.2142,

-45.1234

 215.2120, 4.8255,  
-54.5599

# Harmonies

## Analogous

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



122.3150, 5.7607, 19.0177



121.8940, -2.4127, 27.2800



121.2440, -9.9803, 27.8500

# Triad

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



121.8940, -2.4127, 27.2800



116.0520, -12.3506, -5.3076



114.3950, 17.5533, -30.1644

# Complementary

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



121.8940, -2.4127, 27.2800



138.1060, 2.4127, -27.2800

# 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.



111.4990, 13.0650, -37.2716



121.8940, -2.4127, 27.2800



114.3150, -4.5923, -20.4473

# Square

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



121.8940, -2.4127, 27.2800



118.2280, -15.8884, 9.4470



111.7570, 5.0498, -33.1129



118.6790, 16.9203, -13.7505



# Rectangle

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



121.8940, -2.4127, 27.2800



120.4840, -14.0426, 24.1315



111.7570, 5.0498, -33.1129



113.1450, 16.6905, -33.4532

# Sweetspot

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



121.8940, -2.4127, 27.2800



186.8380, -0.9061, 10.6661



122.7090, 14.9335, 16.9182



92.2180, -0.6005, 5.9478



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



121.8940, -2.4127, 27.2800



150.3520, -3.6245, 42.6643



127.7980, -10.2534, 22.1022



71.6200, -0.3057, 4.7183



45.2800, -7.5330, 83.0694



4.2290, -0.6059, 7.6922



# Inverse Universe

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



121.8940, -2.4127, 27.2800



150.3520, -3.6245, 42.6643



132.2020, 10.2534, -22.1022



71.6200, -0.3057, 4.7183



45.2800, -7.5330, 83.0694

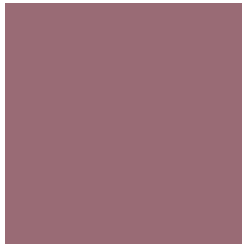


4.2290, -0.6059, 7.6922



# Previews

## White Background



This preview shows how the YUV color 121.8940, -2.4127, 27.2800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

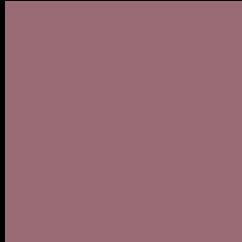
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.8940, -2.4127, 27.2800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

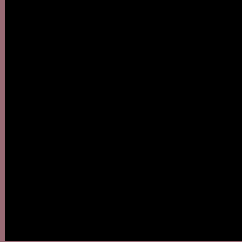
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.8940, -2.4127, 27.2800

## Background



This preview shows how black text looks on a background with the YUV color 121.8940, -2.4127, 27.2800.



This preview shows how white text looks on a background with the YUV color 121.8940, -2.4127,

27.2800.

# 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

121.8940, -2.4127, 27.2800

### Protanopia

120.1680, 1.8892, 0.7297

### Deuteranopia

120.9690, -2.9427, 10.5512



## Tritanopia

121.6660, -3.2863, 27.4799

# Trichromacy



## Original Color

121.8940, -2.4127, 27.2800

## Protanomaly

121.0660, -0.0325, 10.4661

## Deuteranomaly

121.4150, -2.6696, 16.2990

## Tritanomaly

121.7800, -2.8495, 27.3799

# Monochromacy



## Original Color

121.8940, -2.4127, 27.2800

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.1260, -1.0481, 9.5365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.8940, -2.4127, 27.2800 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(153, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(153, 107, 117)  
}
```

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(153, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 107, 117) }
```

## Border

The CSS property to change the border of an element to YUV 121.8940, -2.4127, 27.2800 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(153, 107, 117) }
```



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

```
.border{ border-color:rgb(153, 107, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 107, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(153, 107,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 121.8940, -2.4127, 27.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 107, 117) }
```

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

```
.background{ background-color: rgb(153,  
107, 117) }
```

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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