

# Converting Colors

YUV(104.5580, -2.7401,  
38.9756)

Have a look what the booklet for  
YUV(104.5580, -2.7401, 38.9756)  
contains.

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# Color

**YUV(104.5580, -2.7401,  
38.9756)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	955363
RGB	149, 83, 99
RGB Percent	58%, 33%, 39%
CMY	0.4157, 0.6745, 0.6118
CMYK	0.00, 0.44, 0.34, 0.42
HSL	345°, 28%, 45%
HSV	345°, 44%, 58%
XYZ	17.7398, 13.4769, 13.4707
YIQ	104.5580, 34.2000, 18.9680

# Conversions

## Conversions Part 2

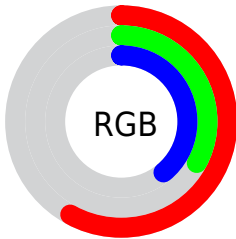
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 83, 99
Decimal	9786211
CIE Lab	43.47, 29.39, 2.88
CIE LCh	43, 29.533, 5.603
Yxy	13.4769, 0.3970, 0.3016
Android (android.graphics.Color)	4287976291 (0xFF955363)
YUV	104.5580, -2.7401, 38.9756
Hunter-Lab	36.7109, 22.0124, 3.9418

# Details

The YUV color **104.5580, -2.7401, 38.9756** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.4420, 2.7401, -38.9756**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0530, -3.4771, 42.0495**, and **55.2910, -1.1295, 35.7018** is the 20% darker color. If you saturate the color by 10%, you get **94.4990, -3.2040, 47.7974**, and if you desaturate by 10%, it is **114.6170, -2.2762, 30.1539**.

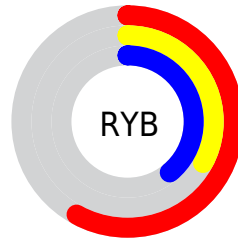
# Distribution



Red (58%)

Green (33%)

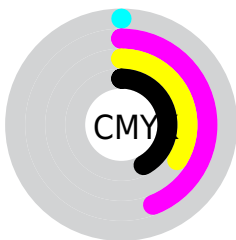
Blue (39%)



Red (58%)

Yellow (33%)

Blue (39%)

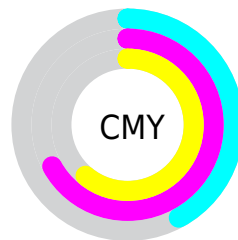


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (42%)



Cyan (42%)

Magenta (67%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.5580, -2.7401, 38.9756 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 104.5580, -2.7401, 38.9756 by changing the saturation by 10% instead.



104.5580, -2.7401,  
38.9756

104.5580, -2.7401,  
38.9756

255.0000, 0.0000,  
0.0000

79.6610, -2.2979,  
37.1313

157.0530, -3.4771,  
42.0495

55.2910, -1.1295,  
35.7018

183.9500, -3.9193,  
43.8939

30.4480, 0.7651,  
34.6871

209.8570, -2.8875,  
39.5904

14.8510, -3.8705,  
28.1947

229.4850, 1.2399,  
22.3767

0.8970, -0.4422,  
1.8443

248.5430, 3.1833,  
5.6628

0.0000, 0.0000,  
0.0000

104.5580, -2.7401,  
38.9756

104.5580, -2.7401,  
38.9756

94.4990, -3.2040,  
47.7974

114.6170, -2.2762,  
30.1539

84.3260, -4.1047,  
56.7191

124.7900, -1.3755,  
21.2322

74.2670, -4.5686,  
65.5408

134.8490, -0.9116,  
12.4104

64.2080, -5.0325,  
74.3626

144.9080, -0.4476,  
3.5887

54.1490, -5.4965,  
83.1843

154.9670, 0.0163,  
-5.2331

48.6550, -6.2389,  
88.0026

164.5530, 1.2064,  
-13.6400

174.6120, 1.6703,  
-22.4617

184.6710, 2.1342,

-31.2835

■ 194.8440, 3.0349,  
-40.2052

# Harmonies

## Analogous

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



105.4670, 8.6438, 27.6544



104.5580, -2.7401, 38.9756



102.9850, -13.7966, 38.6012

# Triad

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



104.5580, -2.7401, 38.9756



97.9500, -17.7233, -8.7261



86.1010, 30.0232, -63.2326

# Complementary

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



104.5580, -2.7401, 38.9756



127.4420, 2.7401, -38.9756

# 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.



82.3250, 23.5038, -72.1990



104.5580, -2.7401, 38.9756



93.3090, -5.5753, -31.8430

# Square

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



104.5580, -2.7401, 38.9756



100.5890, -23.4614, 11.7614



81.7850, 12.4310, -67.3404



100.0890, 25.0991, -23.7571



# Rectangle

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



104.5580, -2.7401, 38.9756



102.4590, -19.4533, 32.9235



81.7850, 12.4310, -67.3404



81.9320, 29.6135, -71.8544

# Sweetspot

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



104.5580, -2.7401, 38.9756



177.1590, -1.0644, 14.7696



105.4740, 21.4583, 24.1403



86.2400, -0.6113, 9.4365



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.



104.5580, -2.7401, 38.9756



124.6470, -4.2630, 60.8226



112.7130, -14.6485, 31.8237



69.2070, -0.5951, 4.2035



45.0240, -5.9278, 81.5400



3.2180, -0.6005, 5.9478



# Inverse Universe

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



104.5580, -2.7401, 38.9756



124.6470, -4.2630, 60.8226



119.8740, 14.3591, -32.3385



69.2070, -0.5951, 4.2035



45.0240, -5.9278, 81.5400

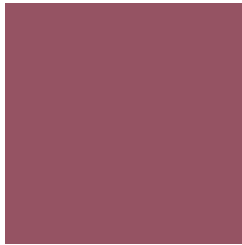


3.2180, -0.6005, 5.9478



# Previews

## White Background



This preview shows how the YUV color 104.5580, -2.7401, 38.9756 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

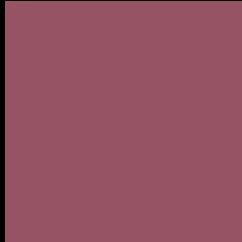
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.5580, -2.7401, 38.9756 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

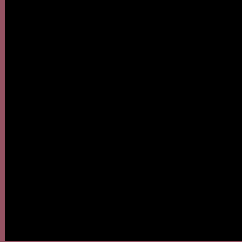
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.5580, -2.7401, 38.9756

## Background



This preview shows how black text looks on a background with the YUV color 104.5580, -2.7401, 38.9756.



This preview shows how white text looks on a background with the YUV color 104.5580, -2.7401,



# 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

104.5580, -2.7401, 38.9756

### Protanopia

103.7980, 3.0576, -0.6998

### Deuteranopia

104.3280, -4.1057, 10.2363



## Tritanopia

103.9340, -6.3765, 38.6459

# Trichromacy



## Original Color

104.5580, -2.7401, 38.9756

## Protanomaly

104.3160, 0.8302, 13.7549

## Deuteranomaly

104.5080, -3.7014, 20.6025

## Tritanomaly

104.2760, -5.0661, 38.3459

# Monochromacy



## Original Color

104.5580, -2.7401, 38.9756

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8600, -0.9170, 14.1548

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.5580, -2.7401, 38.9756 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(149, 83, 99)` looks like.

```
.text, #text, p{  
    color:rgb(149, 83, 99)  
}
```

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(149, 83, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 83, 99) }
```

## Border

The CSS property to change the border of an element to YUV 104.5580, -2.7401, 38.9756 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(149, 83, 99) }
```



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

```
.border{ border-color:rgb(149, 83, 99) }
```

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

Here you see how a box with a 4 pixel rgb(149, 83, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 83, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 83, 99);  
box-shadow:4px 4px 4px 4px rgb(149, 83,  
99) }
```

# Background

The CSS property to change the background color of an element to YUV 104.5580, -2.7401, 38.9756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 83, 99) }
```

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

```
.background{ background-color: rgb(149, 83,  
99) }
```

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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