

# Converting Colors

YUV(108.0680, 0.4595, 39.4054)

Have a look what the booklet for  
YUV(108.0680, 0.4595, 39.4054)  
contains.

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# Color

**YUV(108.0680, 0.4595,  
39.4054)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99556D
RGB	153, 85, 109
RGB Percent	60%, 33%, 43%
CMY	0.4000, 0.6667, 0.5725
CMYK	0.00, 0.44, 0.29, 0.40
HSL	339°, 29%, 47%
HSV	339°, 44%, 60%
XYZ	19.1457, 14.3734, 16.2333
YIQ	108.0680, 32.8240, 21.8800

# Conversions

## Conversions Part 2

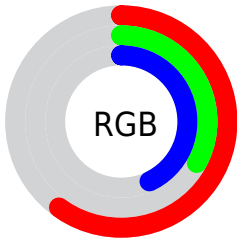
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 85, 109
Decimal	10048877
CIE Lab	44.76, 31.19, -1.29
CIE LCh	45, 31.213, 357.640
Yxy	14.3734, 0.3848, 0.2889
Android (android.graphics.Color)	4288238957 (0xFF99556D)
YUV	108.0680, 0.4595, 39.4054
Hunter-Lab	37.9123, 23.7958, 1.1519

# Details

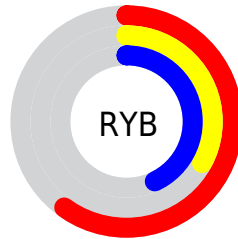
The YUV color **108.0680, 0.4595, 39.4054** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.9320, -0.4595, -39.4054**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5630, -0.2776, 42.4792**, and **58.6870, 1.6333, 36.2315** is the 20% darker color. If you saturate the color by 10%, you get **98.1230, 0.4324, 48.1271**, and if you desaturate by 10%, it is **118.0130, 0.4866, 30.6836**.

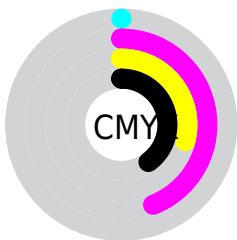
# Distribution



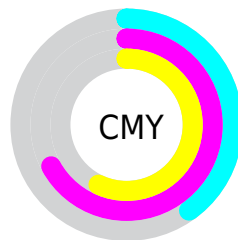
- Red (60%)
- Green (33%)
- Blue (43%)



- Red (60%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (40%)




- Cyan (40%)
- Magenta (67%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 108.0680, 0.4595, 39.4054 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 108.0680, 0.4595, 39.4054 by changing the saturation by 10% instead.




 108.0680, 0.4595,  
39.4054


 108.0680, 0.4595,  
39.4054

255.0000, 0.0000,  
0.0000


 83.1710, 0.9017,  
37.5610


 160.5630, -0.2776,  
42.4792


 58.6870, 1.6333,  
36.2315

 188.1610, -0.5724,  
43.7088


 33.7300, 3.0911,  
35.3168

 212.2850, 1.3385,  
37.4611

 17.1160, 0.9288,  
28.8393

 231.9130, 5.4659,  
20.2473

 5.9800, -2.9481,  
12.2955

 250.3040, 2.3151,  
4.1184

 0.0000, 0.0000,  
0.0000

■ 108.0680, 0.4595,  
39.4054

■ 108.0680, 0.4595,  
39.4054

■ 98.1230, 0.4324,  
48.1271

■ 118.0130, 0.4866,  
30.6836

■ 87.5910, 0.6946,  
57.3637

■ 128.5450, 0.2243,  
21.4470

■ 77.6460, 0.6675,  
66.0855

■ 138.4900, 0.2514,  
12.7253

■ 67.7010, 0.6404,  
74.8072

■ 148.4350, 0.2785,  
4.0035

■ 57.2830, 1.3395,  
83.9438

■ 158.8530, -0.4205,  
-5.1331

■ 51.9030, 1.0338,  
88.6621

■ 168.7980, -0.3934,  
-13.8548

■ 178.7430, -0.3663,  
-22.5766

■ 188.6880, -0.3392,

-31.2984

■ 199.2200, -0.6015,  
-40.5349

# Harmonies

## Analogous

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



108.7700, 12.4384, 23.8807



108.0680, 0.4595, 39.4054



106.8760, -11.7709, 42.2047

# Triad

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



108.0680, 0.4595, 39.4054



101.7720, -21.0866, -3.3080



85.0780, 31.5135, -74.6134

# Complementary

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



108.0680, 0.4595, 39.4054



129.9320, -0.4595, -39.4054

# 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.



84.5590, 21.9094, -74.1582



108.0680, 0.4595, 39.4054



97.1910, -9.9542, -27.3545

# Square

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



108.0680, 0.4595, 39.4054



104.1660, -25.2248, 17.3944



87.2760, 7.7519, -59.8781



99.9350, 28.6260, -35.0230



# Rectangle

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



108.0680, 0.4595, 39.4054



106.4210, -18.4486, 37.3418



87.2760, 7.7519, -59.8781



85.0950, 29.0402, -74.6283

# Sweetspot

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



108.0680, 0.4595, 39.4054



181.8000, 0.0986, 15.0844



105.6090, 23.3638, 19.6369



89.0550, -0.0271, 8.7218



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.



108.0680, 0.4595, 39.4054



129.0260, 0.9732, 61.3672



110.6150, -12.6282, 37.1716



71.7340, 0.1311, 4.6183



47.5600, 1.2029, 81.0699



4.4570, 0.2677, 7.4922



# Inverse Universe

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



108.0680, 0.4595, 39.4054



129.0260, 0.9732, 61.3672



127.3850, 12.6282, -37.1716



71.7340, 0.1311, 4.6183



47.5600, 1.2029, 81.0699

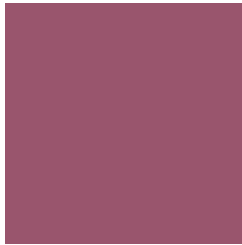


4.4570, 0.2677, 7.4922



# Previews

## White Background



This preview shows how the YUV color 108.0680, 0.4595, 39.4054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

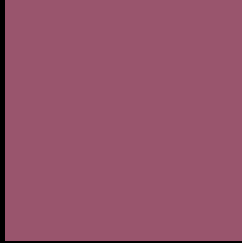
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 108.0680, 0.4595, 39.4054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

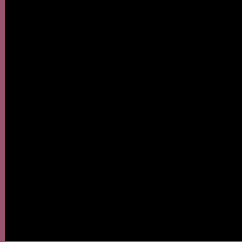
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 108.0680, 0.4595, 39.4054

## Background



This preview shows how black text looks on a background with the YUV color 108.0680, 0.4595, 39.4054.



This preview shows how white text looks on a background with the YUV color 108.0680, 0.4595,



# 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

108.0680, 0.4595, 39.4054

### Protanopia

107.2260, 7.2836, -2.8292

### Deuteranopia

107.5280, -0.7533, 8.3069



## Tritanopia

107.8200, -6.8133, 38.7459

# Trichromacy



## Original Color

108.0680, 0.4595, 39.4054

## Protanomaly

107.3420, 4.7614, 12.8551

## Deuteranomaly

107.4200, -0.2071, 19.8027

## Tritanomaly

107.8030, -4.3399, 38.7608

# Monochromacy



## Original Color

108.0680, 0.4595, 39.4054

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.0880, -0.0434, 13.9548

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 108.0680, 0.4595, 39.4054 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, 85, 109)` looks like.

```
.text, #text, p{  
    color:rgb(153, 85, 109)  
}
```

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, 85, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 85, 109) }
```

## Border

The CSS property to change the border of an element to YUV 108.0680, 0.4595, 39.4054 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, 85, 109) }
```



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

```
.border{ border-color:rgb(153, 85, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 85, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 85, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 85, 109);  
box-shadow:4px 4px 4px 4px rgb(153, 85,  
109) }
```

# Background

The CSS property to change the background color of an element to YUV 108.0680, 0.4595, 39.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 85, 109) }
```

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

```
.background{ background-color: rgb(153, 85,  
109) }
```

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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