

# Converting Colors

YUV(104.7700, -0.8726,  
46.6827)

Have a look what the booklet for  
YUV(104.7700, -0.8726, 46.6827)  
contains.

|  |    |
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# Color

**YUV(104.7700, -0.8726,  
46.6827)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9E4E67                     |
| RGB           | 158, 78, 103               |
| RGB Percent   | 62%, 31%, 40%              |
| CMY           | 0.3804, 0.6941, 0.5961     |
| CMYK          | 0.00, 0.51, 0.35, 0.38     |
| HSL           | 341°, 34%, 46%             |
| HSV           | 341°, 51%, 62%             |
| XYZ           | 19.2731, 13.6972, 14.4600  |
| YIQ           | 104.7700, 39.6550, 24.7350 |

# Conversions

## Conversions Part 2

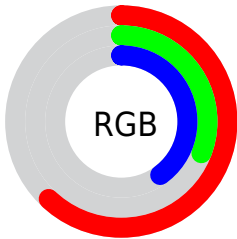
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 158, 78, 103                  |
| Decimal                             | 10374759                      |
| CIE <sub>Lab</sub>                  | 43.80, 36.01, 1.06            |
| CIE <sub>LCh</sub>                  | 44, 36.024, 1.681             |
| Yxy                                 | 13.6972, 0.4063,<br>0.2888    |
| Android<br>(android.graphics.Color) | 4288564839<br>(0xFF9E4E67)    |
| YUV                                 | 104.7700, -0.8726,<br>46.6827 |
| Hunter-Lab                          | 37.0097, 28.1886,<br>2.7417   |

# Details

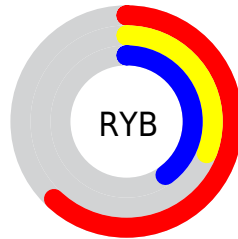
The YUV color **104.7700, -0.8726, 46.6827** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **131.2300, 0.8726, -46.6827**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5640, -1.7571, 50.3714**, and **53.9160, 1.0274, 43.9237** is the 20% darker color. If you saturate the color by 10%, you get **94.1240, -1.0471, 56.0193**, and if you desaturate by 10%, it is **115.4160, -0.6981, 37.3462**.

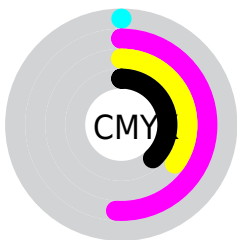
# Distribution



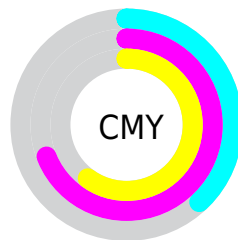
- Red (62%)
- Green (31%)
- Blue (40%)



- Red (62%)
- Yellow (31%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.7700, -0.8726, 46.6827 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 104.7700, -0.8726, 46.6827 by changing the saturation by 10% instead.



104.7700, -0.8726,  
46.6827

104.7700, -0.8726,  
46.6827

255.0000, 0.0000,  
0.0000

78.9870, 0.0064,  
44.7384

157.5640, -1.7571,  
50.3714

53.9160, 1.0274,  
43.9237

185.1620, -2.0519,  
51.6009

27.0130, 3.9376,  
43.8386

207.3780, 0.3066,  
41.7645

17.3290, -2.1342,  
31.2835

227.5930, 4.1447,  
24.0359

6.2790, -3.0955,  
12.9103

246.1950, 4.3409,  
7.7220

0.0000, 0.0000,  
0.0000

104.7700, -0.8726,  
46.6827

104.7700, -0.8726,  
46.6827

94.1240, -1.0471,  
56.0193

115.4160, -0.6981,  
37.3462

83.4780, -1.2217,  
65.3558

126.0620, -0.5236,  
28.0096

73.4190, -1.6856,  
74.1775

136.1210, -0.0597,  
19.1879

62.8870, -1.4233,  
83.4141

146.6530, -0.3219,  
9.9513

52.8280, -1.8872,  
92.2358

157.2990, -0.1474,  
0.6148

167.9450, 0.0271,  
-8.7218

178.5910, 0.2016,  
-18.0583

188.6500, 0.6656,

-26.8800

■ 199.2960, 0.8401,  
-36.2166

# Harmonies

## Analogous

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



106.8140, 12.4167, 30.8581



104.7700, -0.8726, 46.6827



103.8120, -14.6973, 47.5229

# Triad

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



104.7700, -0.8726, 46.6827



97.5820, -22.9649, -7.5264



84.7020, 35.1499, -74.2837

# Complementary

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



104.7700, -0.8726, 46.6827



131.2300, 0.8726, -46.6827

# 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.



84.5420, 24.3828, -74.1433



104.7700, -0.8726, 46.6827



91.1790, -8.4692, -36.9910

# Square

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



104.7700, -0.8726, 46.6827



100.1290, -29.1506, 16.5499



81.7090, 10.9895, -71.6588



96.3520, 32.8575, -38.8967



# Rectangle

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



104.7700, -0.8726, 46.6827



102.8190, -22.0958, 40.5007



81.7090, 10.9895, -71.6588



85.1920, 31.9503, -74.7134

# Sweetspot

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



104.7700, -0.8726, 46.6827



186.2950, -0.6384, 18.1583



103.5650, 26.8365, 25.8145



92.3650, -0.1799, 11.0809



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



104.7700, -0.8726, 46.6827



123.1200, -1.5382, 73.5628



110.7250, -16.1334, 41.4602



73.7340, 0.1311, 4.6183



47.8870, -1.4233, 83.4141



5.0550, -0.0271, 8.7218



# Inverse Universe

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



104.7700, -0.8726, 46.6827



123.1200, -1.5382, 73.5628



125.2750, 16.1334, -41.4602



73.7340, 0.1311, 4.6183



47.8870, -1.4233, 83.4141

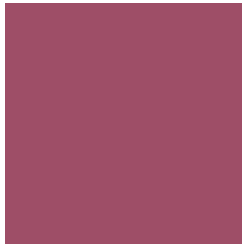


5.0550, -0.0271, 8.7218



# Previews

## White Background



This preview shows how the YUV color 104.7700, -0.8726, 46.6827 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 104.7700, -0.8726, 46.6827 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

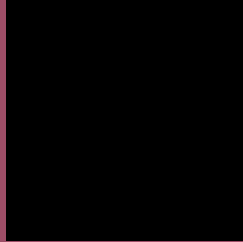
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.7700, -0.8726, 46.6827

## Background



This preview shows how black text looks on a background with the YUV color 104.7700, -0.8726, 46.6827.



This preview shows how white text looks on a background with the YUV color 104.7700, -0.8726,



# 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

104.7700, -0.8726, 46.6827

### Protanopia

104.4110, 6.6994, -2.1144

### Deuteranopia

105.2570, -3.0847, 9.4216



## Tritanopia

104.4080, -8.5821, 46.1232

# Trichromacy



## Original Color

104.7700, -0.8726, 46.6827

## Protanomaly

104.5380, 4.1718, 15.3142

## Deuteranomaly

105.1600, -2.5439, 22.6617

## Tritanomaly

104.5050, -5.6720, 46.0381

# Monochromacy



## Original Color

104.7700, -0.8726, 46.6827

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.6970, -0.3436, 16.9287

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.7700, -0.8726, 46.6827 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(158, 78, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 78, 103)  
}
```

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(158, 78, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 78, 103) }
```

## Border

The CSS property to change the border of an element to YUV 104.7700, -0.8726, 46.6827 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(158, 78, 103) }
```



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

```
.border{ border-color:rgb(158, 78, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 78, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 78, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 78, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 78,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 104.7700, -0.8726, 46.6827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 78, 103) }
```

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

```
.background{ background-color: rgb(158, 78,  
103) }
```

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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