

# Converting Colors

YUV(101.9810, 22.6874,  
50.0057)

Have a look what the booklet for  
YUV(101.9810, 22.6874, 50.0057)  
contains.

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# Color

**YUV(101.9810, 22.6874,  
50.0057)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9F4094                     |
| RGB           | 159, 64, 148               |
| RGB Percent   | 62%, 25%, 58%              |
| CMY           | 0.3765, 0.7490, 0.4196     |
| CMYK          | 0.00, 0.60, 0.07, 0.38     |
| HSL           | 307°, 43%, 44%             |
| HSV           | 307°, 60%, 62%             |
| XYZ           | 21.4768, 13.1758, 29.4282  |
| YIQ           | 101.9810, 29.6560, 46.2640 |

# Conversions

## Conversions Part 2

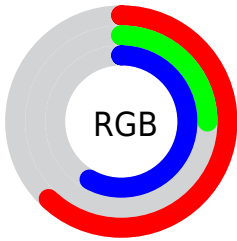
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 159, 64, 148                  |
| Decimal                             | 10436756                      |
| CIE Lab                             | 43.03, 50.12, -27.54          |
| CIE LCh                             | 43, 57.183, 331.210           |
| Yxy                                 | 13.1758, 0.3352,<br>0.2056    |
| Android<br>(android.graphics.Color) | 4288626836<br>(0xFF9F4094)    |
| YUV                                 | 101.9810, 22.6874,<br>50.0057 |
| Hunter-Lab                          | 36.2985, 42.0907,<br>-22.6590 |

# Details

The YUV color **101.9810, 22.6874, 50.0057** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **121.0190, -22.6874, -50.0057**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2910, 22.5345, 52.3648**, and **42.4530, 26.8917, 54.8537** is the 20% darker color. If you saturate the color by 10%, you get **92.3610, 26.4440, 58.4424**, and if you desaturate by 10%, it is **111.6010, 18.9307, 41.5689**.

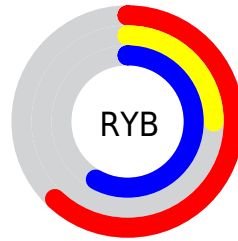
# Distribution



Red (62%)

Green (25%)

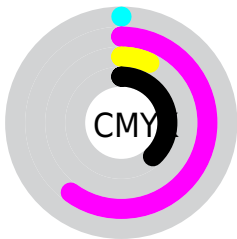
Blue (58%)



Red (62%)

Yellow (25%)

Blue (58%)

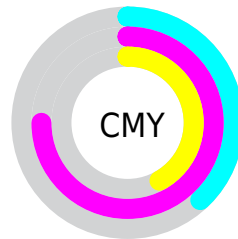


Cyan (0%)

Magenta (60%)

Yellow (7%)

Black (38%)



Cyan (38%)

Magenta (75%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.9810, 22.6874, 50.0057 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 101.9810, 22.6874, 50.0057 by changing the saturation by 10% instead.



101.9810, 22.6874,  
50.0057

101.9810, 22.6874,  
50.0057

255.0000, 0.0000,  
0.0000

74.2090, 23.5610,  
49.8057

156.2910, 22.5345,  
52.3648

42.4530, 26.8917,  
54.8537

184.1170, 23.1133,  
53.3944

31.6440, 20.3885,  
40.6542

206.2790, 24.0195,  
42.7283

21.8460, 13.8799,  
28.1991

222.7150, 15.9165,  
28.3139

10.9660, 8.3978,  
13.1848

239.7380, 7.5242,  
13.3848

0.0000, 0.0000,  
0.0000

101.9810, 22.6874,  
50.0057

101.9810, 22.6874,  
50.0057

92.3610, 26.4440,  
58.4424

111.6010, 18.9307,  
41.5689

82.7410, 30.2007,  
66.8791

121.2210, 15.1740,  
33.1322

73.1210, 33.9573,  
75.3159

130.8410, 11.4174,  
24.6954

63.6150, 38.1508,  
83.6526

140.3470, 7.2239,  
16.3587

149.9670, 3.4673,  
7.9219

159.0000, 0.0000,  
0.0000

168.6200, -3.7567,  
-8.4367

178.2400, -7.5133,

-16.8735

■ 187.8600,  
-11.2700, -25.3102

# Harmonies

## Analogous

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



102.7170, 39.5795, -1.5058



101.9810, 22.6874, 50.0057



94.5210, 3.6871, 77.5961

# Triad

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



101.9810, 22.6874, 50.0057



94.8790, -46.7753, 22.9081



88.7140, 30.2140, -77.8022

# Complementary

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



101.9810, 22.6874, 50.0057



121.0190, -22.6874, -50.0057

# 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.



83.8290, 8.9583, -73.5180



101.9810, 22.6874, 50.0057



88.1580, -43.4619, -13.2936

# Square

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



101.9810, 22.6874, 50.0057



95.7010, -43.2366, 54.6362



76.4820, -11.5766, -67.0747



90.2420, 46.2227, -79.1422



# Rectangle

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



101.9810, 22.6874, 50.0057



94.2210, -11.4480, 78.7362



76.4820, -11.5766, -67.0747



87.5910, 23.3726, -76.8173

# Sweetspot

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



101.9810, 22.6874, 50.0057



184.1240, 8.8129, 20.0623



77.5210, 40.1691, -3.9649



91.1570, 5.3456, 12.1403



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.



101.9810, 22.6874, 50.0057



117.4850, 35.2569, 78.5047



96.7370, 2.5947, 54.6047



74.1900, 1.8783, 4.2184



57.1210, 33.9573, 75.3159



6.0810, 3.9041, 7.8220



# Inverse Universe

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



101.9810, 22.6874, 50.0057



117.4850, 35.2569, 78.5047



126.2630, -2.5947, -54.6047



74.1900, 1.8783, 4.2184



57.1210, 33.9573, 75.3159



6.0810, 3.9041, 7.8220



# Previews

## White Background



This preview shows how the YUV color 101.9810, 22.6874, 50.0057 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 101.9810, 22.6874, 50.0057 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

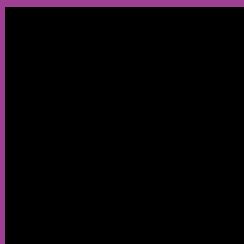
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.9810, 22.6874, 50.0057

## Background



This preview shows how black text looks on a background with the YUV color 101.9810, 22.6874, 50.0057.



This preview shows how white text looks on a background with the YUV color 101.9810, 22.6874,



# 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

101.9810, 22.6874, 50.0057

### Protanopia

99.1390, 39.3715, -28.1859

### Deuteranopia

102.0860, 19.6776, -11.4764



## Tritanopia

102.2120, -7.9925, 43.6641

# Trichromacy



## Original Color

101.9810, 22.6874, 50.0057

## Protanomaly

100.1210, 33.4643, -0.1061

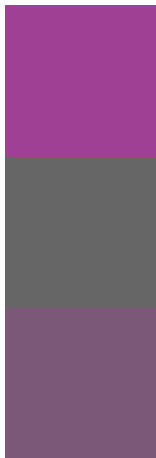
## Deuteranomaly

102.1580, 20.6281, 10.3854

## Tritanomaly

102.2090, 3.3480, 46.2977

# Monochromacy



## Original Color

101.9810, 22.6874, 50.0057

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

101.9990, 8.3815, 18.4179

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.9810, 22.6874, 50.0057 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(159, 64, 148)` looks like.

```
.text, #text, p{  
  color:rgb(159, 64, 148)  
}
```

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(159, 64, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 64, 148) }
```

## Border

The CSS property to change the border of an element to YUV 101.9810, 22.6874, 50.0057 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(159, 64, 148) }
```



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

```
.border{ border-color:rgb(159, 64, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 64, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 64, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 64, 148);  
box-shadow:4px 4px 4px 4px rgb(159, 64,  
148) }
```

# Background

The CSS property to change the background color of an element to YUV 101.9810, 22.6874, 50.0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 64, 148) }
```

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

```
.background{ background-color: rgb(159, 64,  
148) }
```

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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