

# Converting Colors

YUV(76.5460, 25.8598, 59.1572)

Have a look what the booklet for  
YUV(76.5460, 25.8598, 59.1572)  
contains.

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# Color

**YUV(76.5460, 25.8598,  
59.1572)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	902081
RGB	144, 32, 129
RGB Percent	56%, 13%, 51%
CMY	0.4353, 0.8745, 0.4941
CMYK	0.00, 0.78, 0.10, 0.44
HSL	308°, 64%, 35%
HSV	308°, 78%, 56%
XYZ	15.9806, 8.5473, 21.5764
YIQ	76.5460, 35.6150, 53.9110

# Conversions

## Conversions Part 2

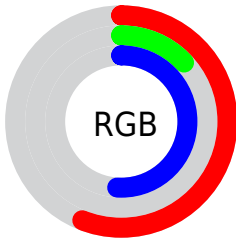
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 32, 129
Decimal	9445505
CIE <sub>Lab</sub>	35.10, 55.72, -28.50
CIE <sub>LCh</sub>	35, 62.584, 332.908
Yxy	8.5473, 0.3466, 0.1854
Android (android.graphics.Color)	4287635585 (0xFF902081)
YUV	76.5460, 25.8598, 59.1572
Hunter-Lab	29.2358, 46.4073, -23.2918

# Details

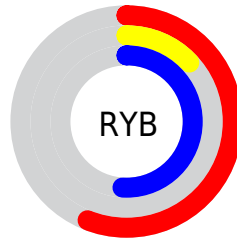
The YUV color **76.5460, 25.8598, 59.1572** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **99.4540, -25.8598, -59.1572**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6770, 23.8232, 59.0423**, and **35.9160, 21.2404, 47.4317** is the 20% darker color. If you saturate the color by 10%, you get **68.1000, 29.0377, 66.5643**, and if you desaturate by 10%, it is **84.9920, 22.6819, 51.7500**.

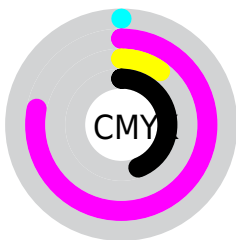
# Distribution



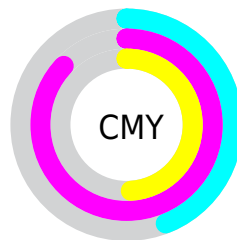
- Red (56%)
- Green (13%)
- Blue (51%)



- Red (56%)
- Yellow (13%)
- Blue (51%)



- Cyan (0%)
- Magenta (78%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (87%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.5460, 25.8598, 59.1572 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 76.5460, 25.8598, 59.1572 by changing the saturation by 10% instead.



76.5460, 25.8598,  
59.1572

76.5460, 25.8598,  
59.1572

255.0000, 0.0000,  
0.0000

46.5400, 28.3278,  
60.9164

133.6770, 23.8232,  
59.0423

35.9160, 21.2404,  
47.4317

161.3890, 23.9652,  
60.1718

25.5200, 15.0266,  
33.7470

187.9050, 24.6968,  
58.8423

15.5370, 9.1023,  
20.5771

206.2790, 24.0195,  
42.7283

0.7980, 3.0576,  
-0.6998

223.3020, 15.6271,  
27.7991

0.0000, 0.0000,  
0.0000

240.3250, 7.2348,

12.8700

■ 76.5460, 25.8598,  
59.1572

■ 76.5460, 25.8598,  
59.1572

■ 68.1000, 29.0377,  
66.5643

■ 84.9920, 22.6819,  
51.7500

■ 59.0670, 32.5050,  
74.4862

■ 94.0250, 19.2147,  
43.8281

■ 57.3060, 33.3731,  
76.0306

■ 102.4710, 16.0368,  
36.4209

■ 111.5040, 12.5695,  
28.4990

■ 119.9500, 9.3917,  
21.0919

■ 128.3960, 6.2138,  
13.6847

■ 137.4290, 2.7465,  
5.7628

■ 145.7610, -0.8682,  
-1.5444

■ 154.7940, -4.3354,  
-9.4663

# Harmonies

## Analogous

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



82.4120, 42.1949, -0.3613



76.5460, 25.8598, 59.1572



59.0530, 10.3269, 94.6695

# Triad

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



76.5460, 25.8598, 59.1572



77.1370, -38.0285, 17.4199



75.9650, 29.5973, -66.6213

# Complementary

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



76.5460, 25.8598, 59.1572



99.4540, -25.8598, -59.1572

# 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.



70.2650, 7.7574, -61.6224



76.5460, 25.8598, 59.1572



68.3340, -33.6887, -21.3409

# Square

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



76.5460, 25.8598, 59.1572



76.4710, -37.7002, 52.2069



62.4620, -14.5248, -54.7792



77.7210, 46.4795, -68.1613



# Rectangle

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



76.5460, 25.8598, 59.1572



62.0360, -7.4127, 91.1764



62.4620, -14.5248, -54.7792



74.1410, 22.6085, -65.0217

# Sweetspot

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



76.5460, 25.8598, 59.1572



160.0750, 9.8230, 22.7362



49.2530, 46.7103, -1.9759



78.3960, 6.2138, 13.6847



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



76.5460, 25.8598, 59.1572



81.8270, 40.0183, 91.3597



70.1620, 1.3991, 64.7559



66.7770, 1.5889, 3.7036



53.7030, 31.2054, 71.2975



3.1900, 1.8783, 4.2184



# Inverse Universe

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



76.5460, 25.8598, 59.1572



81.8270, 40.0183, 91.3597



105.8380, -1.3991, -64.7559



66.7770, 1.5889, 3.7036



53.7030, 31.2054, 71.2975



3.1900, 1.8783, 4.2184



# Previews

## White Background



This preview shows how the YUV color 76.5460, 25.8598, 59.1572 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

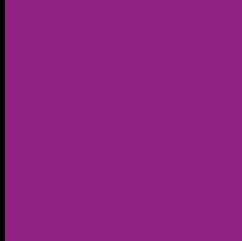
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 76.5460, 25.8598, 59.1572 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

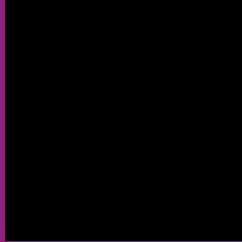
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 76.5460, 25.8598, 59.1572

## Background



This preview shows how black text looks on a background with the YUV color 76.5460, 25.8598, 59.1572.



This preview shows how white text looks on a background with the YUV color 76.5460, 25.8598,



# 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

76.5460, 25.8598, 59.1572

### Protanopia

70.1450, 50.2145, -52.7472

### Deuteranopia

82.9610, 19.2462, -13.1208



## Tritanopia

81.3760, -10.0454, 48.7822

# Trichromacy



## Original Color

76.5460, 25.8598, 59.1572

## Protanomaly

72.4060, 41.2118, -11.7571

## Deuteranomaly

80.5220, 21.9277, 13.5742

## Tritanomaly

79.8400, 3.0369, 52.7603

# Monochromacy



## Original Color

76.5460, 25.8598, 59.1572

## Achromatopsia

77.0000, 0.0000, 0.0000

## Achromatomaly

76.9500, 9.3916, 21.0918

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.5460, 25.8598, 59.1572 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(144, 32, 129)` looks like.

```
.text, #text, p{  
    color:rgb(144, 32, 129)  
}
```

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(144, 32, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 32, 129) }
```

## Border

The CSS property to change the border of an element to YUV 76.5460, 25.8598, 59.1572 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(144, 32, 129) }
```



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

```
.border{ border-color:rgb(144, 32, 129) }
```

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

Here you see how a box with a 4 pixel rgb(144, 32, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 32, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 32, 129);  
box-shadow:4px 4px 4px 4px rgb(144, 32,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 76.5460, 25.8598, 59.1572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 32, 129) }
```

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

```
.background{ background-color: rgb(144, 32,  
129) }
```

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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