

# Converting Colors

YUV(67.9590, 66.5752, 66.6880)

Have a look what the booklet for  
YUV(67.9590, 66.5752, 66.6880)  
contains.

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# Color

**YUV(67.9590, 66.5752,  
66.6880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9003CB
RGB	144, 3, 203
RGB Percent	56%, 1%, 80%
CMY	0.4353, 0.9882, 0.2039
CMYK	0.29, 0.99, 0.00, 0.20
HSL	282°, 97%, 40%
HSV	282°, 99%, 80%
XYZ	22.3137, 10.3062, 57.3132
YIQ	67.9590, 19.8360, 92.0920

# Conversions

## Conversions Part 2

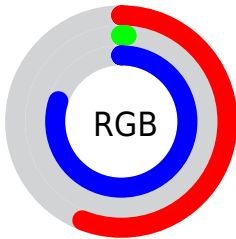
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 3, 203
Decimal	9438155
CIELab	38.39, 74.02, -67.71
CIElCh	38, 100.322, 317.549
Yxy	10.3062, 0.2481, 0.1146
Android (android.graphics.Color)	4287628235 (0xFF9003CB)
YUV	67.9590, 66.5752, 66.6880
Hunter-Lab	32.1033, 67.8871, -83.3765

# Details

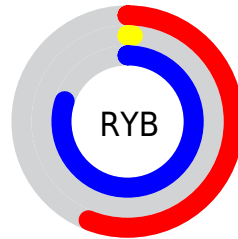
The YUV color **67.9590, 66.5752, 66.6880** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **138.0410, -66.5752, -66.6880**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9010, 57.7298, 57.0918**, and **42.2870, 52.1165, 37.4593** is the 20% darker color. If you saturate the color by 10%, you get **65.8990, 67.5908, 67.6176**, and if you desaturate by 10%, it is **81.4930, 59.9030, 60.0806**.

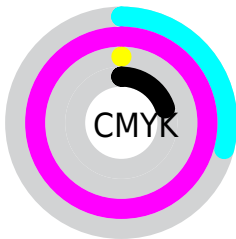
# Distribution



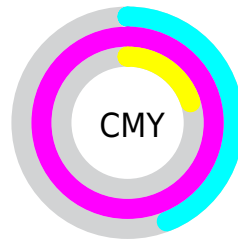
- Red (56%)
- Green (1%)
- Blue (80%)



- Red (56%)
- Yellow (1%)
- Blue (80%)



- Cyan (29%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (99%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 67.9590, 66.5752, 66.6880 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 67.9590, 66.5752, 66.6880 by changing the saturation by 10% instead.



67.9590, 66.5752,  
66.6880

67.9590, 66.5752,  
66.6880

255.0000, 0.0000,  
0.0000

54.3350, 59.4878,  
53.2032

137.9010, 57.7298,  
57.0918

42.2870, 52.1165,  
37.4593

163.8940, 44.9153,  
60.6060

30.2390, 44.7452,  
21.7154

187.4950, 33.2800,  
59.2019

17.4080, 38.2529,  
4.0272

203.9310, 25.1770,  
44.7875

7.9800, 30.5759,  
-6.9985

220.9540, 16.7847,  
29.8583

7.7060, 19.3719,  
-6.7582

238.5640, 8.1029,

3.4370, 10.6306,

14.4144

-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 67.9590, 66.5752,  
66.6880

■ 67.9590, 66.5752,  
66.6880

■ 65.8990, 67.5908,  
67.6176

■ 81.4930, 59.9030,  
60.0806

■ 95.6140, 52.9413,  
52.9585

■ 109.1480, 46.2690,  
46.3512

■ 122.6820, 39.5968,  
39.7439

■ 136.8030, 32.6351,  
32.6218

■ 150.3370, 25.9629,  
26.0145

■ 163.8710, 19.2906,  
19.4071

■ 177.4050, 12.6183,  
12.7998

■ 191.5260, 5.6567,  
5.6777

# Harmonies

## Analogous

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



79.6830, 84.4593, -69.8820



67.9590, 66.5752, 66.6880



77.3820, 24.9547, 116.3060

# Triad

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



67.9590, 66.5752, 66.6880



85.2870, -42.0465, 46.2293



85.5850, 25.8406, -75.0580

# Complementary

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



67.9590, 66.5752, 66.6880



138.0410, -66.5752, -66.6880

# 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.



74.6070, -11.1453, -65.4303



67.9590, 66.5752, 66.6880



78.4230, -38.6625, -12.6490

# Square

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



67.9590, 66.5752, 66.6880



57.1090, -28.1547, 117.4224



65.7440, -32.4118, -57.6575



94.0210, 58.1636, -82.4564



# Rectangle

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



67.9590, 66.5752, 66.6880



74.6290, 0.1829, 128.3674



65.7440, -32.4118, -57.6575



81.8060, 13.8996, -71.7439

# Sweetspot

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



67.9590, 66.5752, 66.6880



203.5110, 25.3841, 24.9849



61.0200, 69.9961, -50.8835



96.8120, 15.3757, 15.0739



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



67.9590, 66.5752, 66.6880



82.8900, 84.8502, 85.1655



81.0400, 40.4063, 106.9589



95.2330, 3.3361, 3.3037



53.9070, 55.2618, 55.3326



12.4050, 12.6183, 12.7998



# Inverse Universe

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



69.5260, -3.7103, 117.0567



84.7950, -4.8289, 149.2698



124.9600, -40.4063, -106.9589



95.3320, -0.1637, 5.8478



55.2200, -3.0665, 97.1541



12.6160, -0.7967, 22.2618



# Previews

## White Background



This preview shows how the YUV color 67.9590, 66.5752, 66.6880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

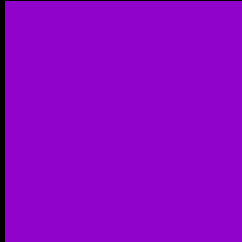
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 67.9590, 66.5752, 66.6880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

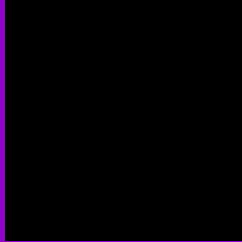
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 67.9590, 66.5752, 66.6880

## Background



This preview shows how black text looks on a background with the YUV color 67.9590, 66.5752, 66.6880.



This preview shows how white text looks on a background with the YUV color 67.9590, 66.5752,



# 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

67.9590, 66.5752, 66.6880

### Protanopia

73.6750, 56.3622, -64.6130

### Deuteranopia

74.3470, 43.7059, -65.2023



## Tritanopia

93.1390, -4.0125, 27.0651

# Trichromacy



## Original Color

67.9590, 66.5752, 66.6880



## Protanomaly

71.5960, 59.8522, -17.1857



## Deuteranomaly

72.2340, 52.1426, -17.7452



## Tritanomaly

83.6980, 21.8409, 41.4839

# Monochromacy



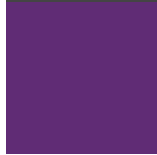
## Original Color

67.9590, 66.5752, 66.6880



## Achromatopsia

68.0000, 0.0000, 0.0000



## Achromatomaly

67.8700, 24.2211, 24.6700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 67.9590, 66.5752, 66.6880 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, 3, 203)` looks like.

```
.text, #text, p{  
    color:rgb(144, 3, 203)  
}
```

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, 3, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 3, 203) }
```

## Border

The CSS property to change the border of an element to YUV 67.9590, 66.5752, 66.6880 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, 3, 203) }
```



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

```
.border{ border-color:rgb(144, 3, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 3, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 3, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 3, 203);  
box-shadow:4px 4px 4px 4px rgb(144, 3,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 67.9590, 66.5752, 66.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 3, 203) }
```

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

```
.background{ background-color: rgb(144, 3,  
203) }
```

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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