

# Converting Colors

YUV(67.0670, 92.6510, 9.5882)

Have a look what the booklet for  
YUV(67.0670, 92.6510, 9.5882)  
contains.

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# Color

**YUV(67.0670, 92.6510,  
9.5882)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E19FF
RGB	78, 25, 255
RGB Percent	31%, 10%, 100%
CMY	0.6941, 0.9020, 0.0000
CMYK	0.69, 0.90, 0.00, 0.00
HSL	254°, 100%, 55%
HSV	254°, 90%, 100%
XYZ	21.5395, 9.5350, 95.3129
YIQ	67.0670, -42.2420, 82.7660

# Conversions

## Conversions Part 2

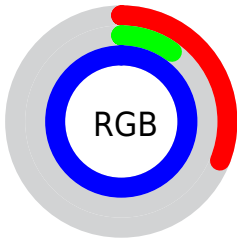
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	78, 25, 255
Decimal	5118463
CIE Lab	36.99, 76.41, -99.95
CIE LCh	37, 125.814, 307.398
Yxy	9.5350, 0.1704, 0.0754
Android (android.graphics.Color)	4283308543 (0xFF4E19FF)
YUV	67.0670, 92.6510, 9.5882
Hunter-Lab	30.8787, 70.4752, -161.3944

# Details

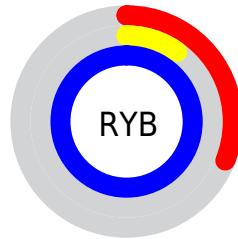
The YUV color **67.0670, 92.6510, 9.5882** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **212.9330, -92.6510, -9.5882**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1140, 64.5268, 23.5790**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **46.7110, 102.6865, 10.7775**, and if you desaturate by 10%, it is **87.7220, 82.4681, 9.0138**.

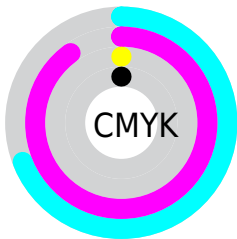
# Distribution



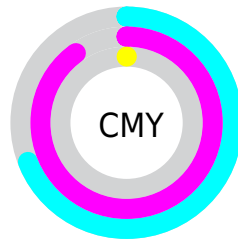
- Red (31%)
- Green (10%)
- Blue (100%)



- Red (31%)
- Yellow (10%)
- Blue (100%)



- Cyan (69%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (90%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 67.0670, 92.6510, 9.5882 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 67.0670, 92.6510, 9.5882 by changing the saturation by 10% instead.



67.0670, 92.6510,  
9.5882

67.0670, 92.6510,  
9.5882

255.0000, 0.0000,  
0.0000

30.7330, 95.7736,  
-12.0438

124.1140, 64.5268,  
23.5790

22.3440, 85.6124,  
-19.5957

150.4170, 51.5594,  
29.4523

19.1520, 73.3821,  
-16.7963

176.4210, 38.7394,  
34.7108

16.0740, 61.5885,  
-14.0969

202.7240, 25.7721,  
40.5841

16.5180, 48.0586,  
-14.4863

220.9540, 16.7847,  
29.8583

17.0760, 34.9655,  
-14.9757

237.9770, 8.3923,

11.4050, 25.9293,

14.9292

-10.0022

■ 6.4350, 17.0405,  
-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 67.0670, 92.6510,  
9.5882

■ 67.0670, 92.6510,  
9.5882

■ 46.7110, 102.6865,  
10.7775

■ 87.7220, 82.4681,  
9.0138

■ 108.6650, 72.1432,  
7.3098

■ 129.3200, 61.9602,  
6.7354

■ 150.2630, 51.6353,  
5.0313

■ 170.9180, 41.4524,  
4.4569

■ 192.1600, 30.9801,  
3.3677

■ 212.5160, 20.9446,  
2.1785

■ 233.7580, 10.4723,  
1.0892

254.4130, 0.2894,  
0.5148

# Harmonies

## Analogous

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



87.7700, 82.4444, -76.9743



67.0670, 92.6510, 9.5882



83.4370, 41.6896, 115.3808

# Triad

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



67.0670, 92.6510, 9.5882



73.4020, -36.1872, 80.3314



81.3330, 14.6258, -71.3290

# Complementary

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



67.0670, 92.6510, 9.5882



212.9330, -92.6510, -9.5882

# 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.



66.9180, -32.9906, -58.6871



67.0670, 92.6510, 9.5882



79.7070, -39.2956, 3.7650

# Square

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



67.0670, 92.6510, 9.5882



66.0790, -32.5769, 135.8657



63.9830, -31.5436, -56.1131



95.1950, 57.5849, -83.4860



# Rectangle

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



67.0670, 92.6510, 9.5882



83.8720, 8.4441, 138.6783



63.9830, -31.5436, -56.1131



76.7560, -0.3727, -67.3150

# Sweetspot

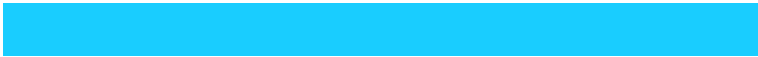
The Sweet Spot groups the original color and five complimentary colors.



67.0670, 92.6510, 9.5882



198.6500, 27.7806, 2.9380



156.8800, 48.3732, -115.6588



94.3650, 16.5821, 1.4339



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.



67.0670, 92.6510, 9.5882



46.7110, 102.6865, 10.7775



100.5550, 76.1414, 78.4433



117.3790, 5.2362, 0.5446



34.9300, 76.9425, 7.9544



11.7810, 25.7440, 2.8231



# Inverse Universe

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



113.9480, 43.4096, 123.7026



98.5890, 48.0236, 137.1724



179.4450, -76.1414, -78.4433



120.0270, 2.4517, 6.9923



73.8670, 36.0546, 102.7256

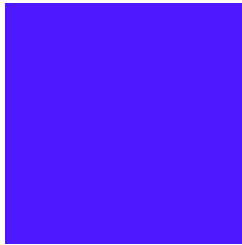


24.7220, 11.9691, 34.4468



# Previews

## White Background



This preview shows how the YUV color 67.0670, 92.6510, 9.5882 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

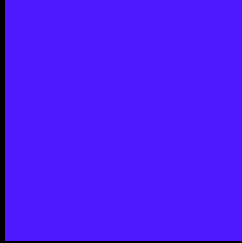
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 67.0670, 92.6510, 9.5882 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 67.0670, 92.6510, 9.5882

## Background



This preview shows how black text looks on a background with the YUV color 67.0670, 92.6510, 9.5882.



This preview shows how white text looks on a background with the YUV color 67.0670, 92.6510,



# 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

67.0670, 92.6510, 9.5882

### Protanopia

69.2580, 52.1308, -60.7393

### Deuteranopia

69.2290, 39.3271, -60.7138



## Tritanopia

67.9800, 16.7719, -59.6185

# Trichromacy



## Original Color

67.0670, 92.6510, 9.5882

## Protanomaly

68.6090, 66.7478, -35.6141

## Deuteranomaly

68.5460, 58.8908, -35.5588

## Tritanomaly

67.4740, 44.6293, -34.6187

# Monochromacy



## Original Color

67.0670, 92.6510, 9.5882

## Achromatopsia

67.0000, 0.0000, 0.0000

## Achromatomaly

67.1430, 33.4535, 3.3826

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 67.0670, 92.6510, 9.5882 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(78, 25, 255)` looks like.

```
.text, #text, p{  
    color:rgb(78, 25, 255)  
}
```

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(78, 25, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 25, 255) }
```

## Border

The CSS property to change the border of an element to YUV 67.0670, 92.6510, 9.5882 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(78, 25, 255) }
```



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

```
.border{ border-color:rgb(78, 25, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 25, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 25, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 25, 255);  
box-shadow:4px 4px 4px 4px rgb(78, 25,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 67.0670, 92.6510, 9.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 25, 255) }
```

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

```
.background{ background-color: rgb(78, 25,  
255) }
```

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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