

# Converting Colors

YUV(65.5400, 51.9918, 77.5794)

Have a look what the booklet for  
YUV(65.5400, 51.9918, 77.5794)  
contains.

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# Color

**YUV(65.5400, 51.9918,  
77.5794)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A00AB
RGB	154, 0, 171
RGB Percent	60%, 0%, 67%
CMY	0.3961, 1.0000, 0.3294
CMYK	0.10, 1.00, 0.00, 0.33
HSL	294°, 100%, 34%
HSV	294°, 100%, 67%
XYZ	20.6771, 9.8103, 39.3318
YIQ	65.5400, 36.8930, 85.8290

# Conversions

## Conversions Part 2

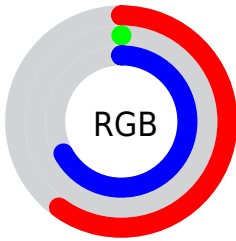
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 0, 171
Decimal	10092715
CIELab	37.50, 70.11, -50.20
CIELCh	37, 86.228, 324.399
Yxy	9.8103, 0.2962, 0.1405
Android (android.graphics.Color)	4288282795 (0xFF9A00AB)
YUV	65.5400, 51.9918, 77.5794
Hunter-Lab	31.3214, 63.0260, -52.5284

# Details

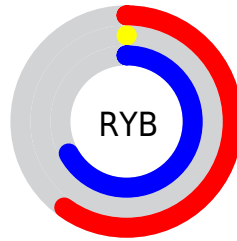
The YUV color **65.5400, 51.9918, 77.5794** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **105.4600, -51.9918, -77.5794**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8130, 44.4622, 65.9390**, and **42.4550, 37.2437, 47.8360** is the 20% darker color. If you saturate the color by 10%, you get **65.5400, 51.9918, 77.5794**, and if you desaturate by 10%, it is **76.1170, 46.7773, 70.0574**.

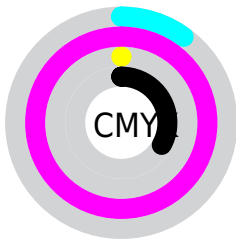
# Distribution



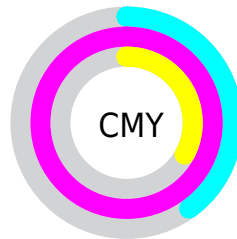
- Red (60%)
- Green (0%)
- Blue (67%)



- Red (60%)
- Yellow (0%)
- Blue (67%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.5400, 51.9918, 77.5794 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 65.5400, 51.9918, 77.5794 by changing the saturation by 10% instead.



65.5400, 51.9918,  
77.5794

65.5400, 51.9918,  
77.5794

255.0000, 0.0000,  
0.0000

54.0900, 44.3256,  
63.0651

136.8130, 44.4622,  
65.9390

42.4550, 37.2437,  
47.8360

165.9980, 43.8780,  
66.6538

31.4180, 29.8669,  
33.8364

186.3210, 33.8587,  
60.2315

20.9080, 23.2164,  
20.2517

203.3440, 25.4664,  
45.3023

6.0270, 19.2137,  
-2.6547

220.3670, 17.0741,  
30.3731

3.2090, 9.7570,  
-2.8143

237.3900, 8.6817,

0.0000, 0.0000,

15.4440

0.0000

■ 65.5400, 51.9918,  
77.5794

■ 76.1170, 46.7773,  
70.0574

■ 86.3950, 41.7103,  
61.9206

■ 96.9720, 36.4958,  
54.3986

■ 107.5490, 31.2813,  
46.8765

■ 117.8270, 26.2143,  
38.7397

■ 128.9910, 20.7104,  
30.7029

■ 139.5680, 15.4960,  
23.1809

■ 150.1450, 10.2815,  
15.6588

■ 160.4230, 5.2145,  
7.5220

# Harmonies

## Analogous

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



69.4640, 73.2282, -60.9199



65.5400, 51.9918, 77.5794



70.8730, 16.8246, 110.6134

# Triad

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



65.5400, 51.9918, 77.5794



83.7150, -41.2715, 30.9449



84.0350, 30.0557, -73.6987

# Complementary

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



65.5400, 51.9918, 77.5794



105.4600, -51.9918, -77.5794

# 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.



74.6530, -0.8149, -65.4707



65.5400, 51.9918, 77.5794



74.2370, -36.5988, -21.2558

# Square

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



65.5400, 51.9918, 77.5794



74.0110, -36.4874, 83.3054



63.9830, -31.5436, -56.1131



89.4730, 55.9688, -78.4678



# Rectangle

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



65.5400, 51.9918, 77.5794



67.1240, -4.0051, 118.2863



63.9830, -31.5436, -56.1131



80.7120, 19.8620, -70.7844

# Sweetspot

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



65.5400, 51.9918, 77.5794



180.5780, 20.4210, 30.1881



29.4730, 69.7728, -25.8478



87.3240, 12.1653, 18.1329



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



65.5400, 51.9918, 77.5794



85.1080, 67.4878, 100.7603



62.8710, 19.7836, 94.8291



81.4180, 2.7519, 4.0184



57.4650, 45.6198, 67.9982



8.9010, 6.9508, 10.6108



# Inverse Universe

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



53.0670, -17.7810, 103.4272



68.8860, -23.1148, 134.2810



108.1290, -19.7836, -94.8291



80.8050, -0.8899, 5.4330



46.5600, -15.5591, 90.7169



7.1050, -2.5168, 13.9399



# Previews

## White Background



This preview shows how the YUV color 65.5400, 51.9918, 77.5794 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

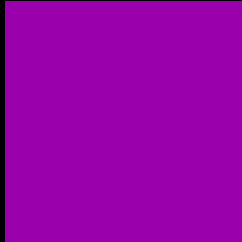
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 65.5400, 51.9918, 77.5794 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

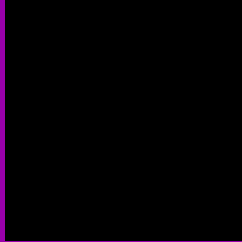
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 65.5400, 51.9918, 77.5794

## Background



This preview shows how black text looks on a background with the YUV color 65.5400, 51.9918, 77.5794.



This preview shows how white text looks on a background with the YUV color 65.5400, 51.9918,



# 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



### Protanopia

72.7460, 55.3412, -63.7982

### Deuteranopia

80.4310, 39.7205, -46.8590

### Tritanopia

89.9950, -8.8715, 45.6084

# Trichromacy



## Protanomaly

70.1360, 54.1630, -12.3973

## Deuteranomaly

75.2700, 44.2369, -1.9908

## Tritanomaly

81.2070, 13.2089, 56.8235

# Monochromacy



## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

65.8120, 18.8267, 28.2289

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.5400, 51.9918, 77.5794 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(154, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 0, 171)  
}
```

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(154, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 0, 171) }
```

## Border

The CSS property to change the border of an element to YUV 65.5400, 51.9918, 77.5794 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(154, 0, 171) }
```

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

```
.border{ border-color:rgb(154, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(154, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 0,  
171) }
```



# Background

The CSS property to change the background color of an element to YUV 65.5400, 51.9918, 77.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 0, 171) }
```

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

```
.background{ background-color: rgb(154, 0,  
171) }
```

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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