

# Converting Colors

YUV(119.1110, 52.6963,  
84.9717)

Have a look what the booklet for  
YUV(119.1110, 52.6963, 84.9717)  
contains.

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# Color

**YUV(119.1110, 52.6963,  
84.9717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D831E2
RGB	216, 49, 226
RGB Percent	85%, 19%, 89%
CMY	0.1529, 0.8078, 0.1137
CMYK	0.04, 0.78, 0.00, 0.11
HSL	297°, 75%, 54%
HSV	297°, 78%, 89%
XYZ	43.1447, 22.2865, 73.9793
YIQ	119.1110, 42.7150, 90.4510

# Conversions

## Conversions Part 2

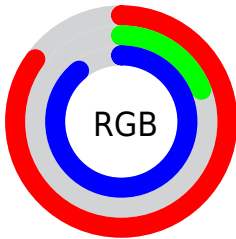
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 49, 226
Decimal	14168546
CIE Lab	54.33, 81.12, -54.57
CIE LCh	54, 97.766, 326.073
Yxy	22.2865, 0.3095, 0.1599
Android (android.graphics.Color)	4292358626 (0xFFD831E2)
YUV	119.1110, 52.6963, 84.9717
Hunter-Lab	47.2086, 80.5188, -59.8656

# Details

The YUV color **119.1110, 52.6963, 84.9717** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **155.8890, -52.6963, -84.9717**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8200, 40.5147, 72.0719**, and **66.3230, 51.1128, 79.5237** is the 20% darker color. If you saturate the color by 10%, you get **105.3110, 59.4997, 96.1973**, and if you desaturate by 10%, it is **132.9110, 45.8929, 73.7461**.

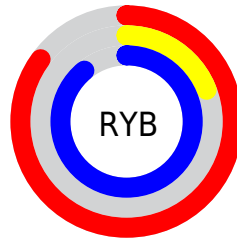
# Distribution



Red (85%)

Green (19%)

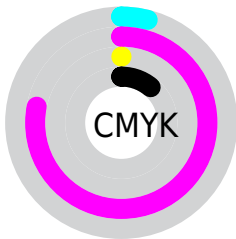
Blue (89%)



Red (85%)

Yellow (19%)

Blue (89%)

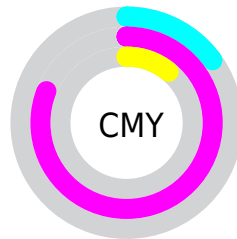


Cyan (4%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (81%)


Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.1110, 52.6963, 84.9717 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 119.1110, 52.6963, 84.9717 by changing the saturation by 10% instead.





 119.1110, 52.6963,  
84.9717

 119.1110, 52.6963,  
84.9717


255.0000, 0.0000,  
0.0000

 78.1860, 59.0683,  
94.5529


 172.8200, 40.5147,  
72.0719


 66.3230, 51.1128,  
79.5237


 190.4300, 31.8330,  
56.6279

 54.5740, 43.5940,  
64.3946


 207.4530, 23.4407,  
41.6987

 42.8250, 36.0753,  
49.2655

 225.0630, 14.7589,  
26.2547

 31.6030, 29.2827,  
34.5512

 242.6730, 6.0772,  
10.8108

 20.1960, 23.0744,  
19.1221

 4.9020, 18.7823,

-4.2991

■ 2.9810, 8.8834,  
-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 119.1110, 52.6963,  
84.9717

■ 119.1110, 52.6963,  
84.9717

■ 105.3110, 59.4997,  
96.1973

■ 132.9110, 45.8929,  
73.7461

■ 91.7990, 66.1611,  
106.2933

■ 146.4230, 39.2315,  
63.6500

■ 89.4510, 67.3187,  
108.3525

■ 160.2230, 32.4281,  
52.4244

■ 173.4360, 25.9141,  
41.7136

■ 187.2360, 19.1107,  
30.4880

■ 201.3350, 12.1598,  
19.8772

■ 214.5480, 5.6458,  
9.1664

■ 228.3480, -1.1576,  
-2.0592

■ 241.5610, -7.6716,  
-12.7700

# Harmonies

## Analogous

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



116.0320, 68.5112, -41.2471



119.1110, 52.6963, 84.9717



92.7750, 25.7469, 142.2713

# Triad

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



119.1110, 52.6963, 84.9717



122.4330, -60.3595, 39.9623



119.4100, 41.2099, -104.7226

# Complementary

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



119.1110, 52.6963, 84.9717



155.8890, -52.6963, -84.9717

# 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.



108.3180, 3.7872, -94.9949



119.1110, 52.6963, 84.9717



110.8180, -54.6333, -23.5194

# Square

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



119.1110, 52.6963, 84.9717



115.4310, -56.9075, 99.6000



92.8430, -42.8136, -81.4233



122.9900, 65.0809, -107.8622



# Rectangle

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



119.1110, 52.6963, 84.9717



86.5050, 1.7230, 147.7701



92.8430, -42.8136, -81.4233



116.2180, 28.9795, -101.9232

# Sweetspot

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



119.1110, 52.6963, 84.9717



219.4700, 17.5163, 28.5288



76.2220, 73.8406, -23.8737



105.9710, 10.8603, 16.6884



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.



119.1110, 52.6963, 84.9717



109.9340, 71.5175, 114.9449



113.3230, 17.5888, 98.8177



105.5430, 3.1833, 5.6628



69.6980, 52.4069, 84.4569



19.2260, 14.1856, 23.4808



# Inverse Universe

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



103.0630, -21.7231, 107.8157



88.3560, -29.2625, 146.1468



161.6770, -17.5888, -98.8177



104.4030, -1.1847, 6.6626



53.7640, -21.5757, 107.2010



14.6940, -5.7651, 29.2094



# Previews

## White Background



This preview shows how the YUV color 119.1110, 52.6963, 84.9717 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

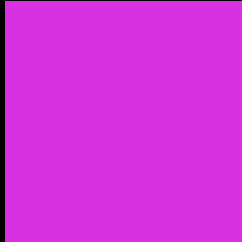
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.1110, 52.6963, 84.9717 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

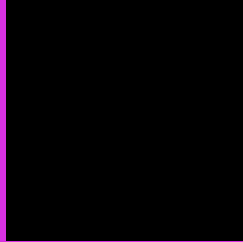
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.1110, 52.6963, 84.9717

## Background



This preview shows how black text looks on a background with the YUV color 119.1110, 52.6963, 84.9717.



This preview shows how white text looks on a background with the YUV color 119.1110, 52.6963, 84.9717.



# 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

119.1110, 52.6963, 84.9717

### Protanopia

117.6830, 67.6973, -60.2350

### Deuteranopia

124.3160, 44.2142, -41.4961



## Tritanopia

129.1930, -12.4201, 63.8517

# Trichromacy



## Original Color

119.1110, 52.6963, 84.9717



## Protanomaly

118.2320, 62.0036, -7.2195



## Deuteranomaly

122.4110, 47.1254, 4.9016



## Tritanomaly

125.7250, 10.9816, 71.2782

# Monochromacy



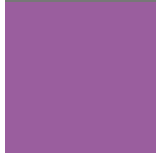
## Original Color

119.1110, 52.6963, 84.9717



## Achromatopsia

119.0000, 0.0000, 0.0000



## Achromatomaly

119.2360, 19.1107, 30.4880

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.1110, 52.6963, 84.9717 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(216, 49, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 49, 226)  
}
```

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(216, 49, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 49, 226) }
```

## Border

The CSS property to change the border of an element to YUV 119.1110, 52.6963, 84.9717 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(216, 49, 226) }
```



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

```
.border{ border-color:rgb(216, 49, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 49, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 49, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 49, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 49,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 119.1110, 52.6963, 84.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 49, 226) }
```

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

```
.background{ background-color: rgb(216, 49,  
226) }
```

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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