

# Converting Colors

YUV(122.5290, 45.0952,  
49.5251)

Have a look what the booklet for  
YUV(122.5290, 45.0952, 49.5251)  
contains.

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# Color

**YUV(122.5290, 45.0952,  
49.5251)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B34CD6
RGB	179, 76, 214
RGB Percent	70%, 30%, 84%
CMY	0.2980, 0.7020, 0.1608
CMYK	0.16, 0.64, 0.00, 0.16
HSL	285°, 63%, 57%
HSV	285°, 64%, 84%
XYZ	33.3124, 19.6076, 65.6472
YIQ	122.5290, 17.0900, 64.7540

# Conversions

## Conversions Part 2

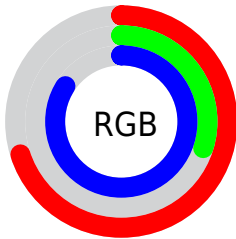
Format	Color
<a href="#">RYB</a>	<a href="#">179, 76, 214</a>
Decimal	<a href="#">11750614</a>
CIELab	<a href="#">51.39, 62.05, -52.77</a>
CIELCh	<a href="#">51, 81.454, 319.622</a>
Yxy	<a href="#">19.6076, 0.2810, 0.1654</a>
Android (android.graphics.Color)	<a href="#">4289940694 (0xFFB34CD6)</a>
YUV	<a href="#">122.5290, 45.0952, 49.5251</a>
Hunter-Lab	<a href="#">44.2805, 56.7956, -56.9029</a>

# Details

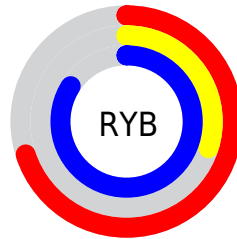
The YUV color **122.5290, 45.0952, 49.5251** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **167.4710, -45.0952, -49.5251**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1290, 38.3904, 53.3839**, and **59.1860, 48.7153, 55.0879** is the 20% darker color. If you saturate the color by 10%, you get **108.7070, 51.9094, 57.2620**, and if you desaturate by 10%, it is **136.3510, 38.2810, 41.7882**.

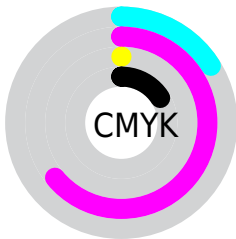
# Distribution



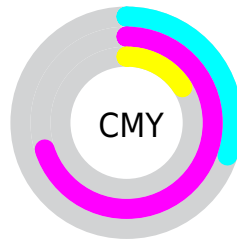
- Red (70%)
- Green (30%)
- Blue (84%)



- Red (70%)
- Yellow (30%)
- Blue (84%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (70%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.5290, 45.0952, 49.5251 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 122.5290, 45.0952, 49.5251 by changing the saturation by 10% instead.



122.5290, 45.0952,  
49.5251

122.5290, 45.0952,  
49.5251

255.0000, 0.0000,  
0.0000

93.6430, 45.5320,  
49.4251

177.1290, 38.3904,  
53.3839

59.1860, 48.7153,  
55.0879

198.6480, 27.7815,  
49.4207

43.4530, 43.6537,  
45.2067

215.0840, 19.6786,  
35.0063

32.1170, 36.4243,  
30.5924

232.1070, 11.2862,  
20.0772

21.4930, 29.3370,  
17.1076

249.1300, 2.8939,  
5.1480

7.0960, 24.6027,  
-4.4692

5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,  
-0.7998

■ 0.0000, 0.0000,  
0.0000

■ 122.5290, 45.0952,  
49.5251

■ 122.5290, 45.0952,  
49.5251

■ 108.7070, 51.9094,  
57.2620

■ 136.3510, 38.2810,  
41.7882

■ 93.9990, 59.1605,  
64.8989

■ 151.0590, 31.0299,  
34.1513

■ 80.1770, 65.9747,  
72.6358

■ 164.8810, 24.2157,  
26.4144

■ 72.2360, 69.8897,  
76.9690

■ 179.5890, 16.9646,  
18.7774

193.4110, 10.1504,  
11.0406

207.5320, 3.1887,  
3.9184

221.9410, -3.9149,  
-4.3333

235.7630,  
-10.7292, -12.0702

242.2530,  
-13.9287, -12.4999

# Harmonies

## Analogous

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



98.9670, 76.9243, -79.7781



122.5290, 45.0952, 49.5251



96.1480, 26.5490, 118.2652

# Triad

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



122.5290, 45.0952, 49.5251



115.6880, -57.0342, 46.7546



108.3760, 29.3946, -95.0458

# Complementary

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



122.5290, 45.0952, 49.5251



167.4710, -45.0952, -49.5251

# 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.



98.8800, -1.9128, -86.7178



122.5290, 45.0952, 49.5251



109.7650, -54.1141, -3.3019

# Square

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



122.5290, 45.0952, 49.5251



108.6090, -53.5442, 94.1819



85.7990, -39.3409, -75.2457



113.5690, 56.9075, -99.6000



# Rectangle

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



122.5290, 45.0952, 49.5251



83.8010, 9.4651, 137.8635



85.7990, -39.3409, -75.2457



105.6400, 18.9115, -92.6463

# Sweetspot

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



122.5290, 45.0952, 49.5251



223.2360, 15.6597, 17.3330



113.4510, 49.5707, -32.8445



107.9980, 9.8610, 10.5258



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.



122.5290, 45.0952, 49.5251



124.9980, 64.0910, 70.1618



129.3460, 25.9584, 74.2416



99.6460, 3.6255, 3.8185



57.7660, 55.8244, 61.5952



14.4700, 14.0653, 15.3738



# Inverse Universe

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



121.2520, -5.0542, 81.3400



123.1900, -7.4887, 115.5974



160.6540, -25.9584, -74.2416



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357



# Previews

## White Background



This preview shows how the YUV color 122.5290, 45.0952, 49.5251 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

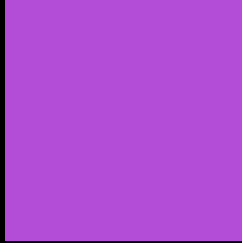
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.5290, 45.0952, 49.5251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

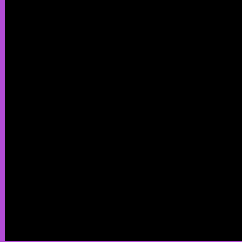
Any Text WCAG AA ✓ Pass

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 122.5290, 45.0952, 49.5251 Background



This preview shows how black text looks on a background with the YUV color 122.5290, 45.0952, 49.5251.



This preview shows how white text looks on a background with the YUV color 122.5290, 45.0952,



# 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

122.5290, 45.0952, 49.5251

### Protanopia

97.9940, 75.9250, -85.9407

### Deuteranopia

116.1910, 43.7828, -43.1405



## Tritanopia

124.5530, -5.2026, 35.4720

# Trichromacy



## Original Color

122.5290, 45.0952, 49.5251



## Protanomaly

107.0280, 64.5692, -36.8586



## Deuteranomaly

118.8130, 43.9692, -9.4830



## Tritanomaly

123.6950, 12.9684, 40.6095

# Monochromacy



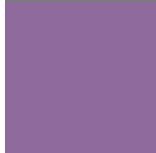
## Original Color

122.5290, 45.0952, 49.5251



## Achromatopsia

123.0000, 0.0000, 0.0000



## Achromatomaly

122.7630, 16.3858, 17.7478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.5290, 45.0952, 49.5251 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(179, 76, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 76, 214)  
}
```

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(179, 76, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 76, 214) }
```

## Border

The CSS property to change the border of an element to YUV 122.5290, 45.0952, 49.5251 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(179, 76, 214) }
```



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

```
.border{ border-color:rgb(179, 76, 214) }
```

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

Here you see how a box with a 4 pixel rgb(179, 76, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 76, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 76, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 76,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 122.5290, 45.0952, 49.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 76, 214) }
```

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

```
.background{ background-color: rgb(179, 76,  
214) }
```

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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