

# Converting Colors

YUV(124.5320, 57.4187,  
63.5544)

Have a look what the booklet for  
YUV(124.5320, 57.4187, 63.5544)  
contains.

<b>YUV(124.5320, 57.4187, 63.5544)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(124.5320, 57.4187,  
63.5544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C541F1
RGB	197, 65, 241
RGB Percent	77%, 25%, 95%
CMY	0.2275, 0.7451, 0.0549
CMYK	0.18, 0.73, 0.00, 0.05
HSL	285°, 86%, 60%
HSV	285°, 73%, 95%
XYZ	40.7934, 22.0018, 85.3158
YIQ	124.5320, 22.1760, 82.7200

# Conversions

## Conversions Part 2

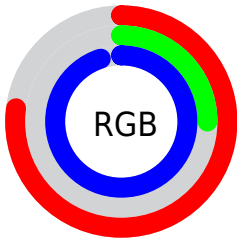
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 65, 241
Decimal	12927473
CIE <sub>Lab</sub>	54.03, 75.31, -63.64
CIE <sub>LCh</sub>	54, 98.598, 319.798
Yxy	22.0018, 0.2754, 0.1485
Android (android.graphics.Color)	4291117553 (0xFFC541F1)
YUV	124.5320, 57.4187, 63.5544
Hunter-Lab	46.9061, 73.1530, -75.0063

# Details

The YUV color **124.5320, 57.4187, 63.5544** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **181.4680, -57.4187, -63.5544**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **62.2380, 60.0287, 66.4433** is the 20% darker color. If you saturate the color by 10%, you get **108.6500, 65.2486, 72.2210**, and if you desaturate by 10%, it is **140.4140, 49.5889, 54.8879**.

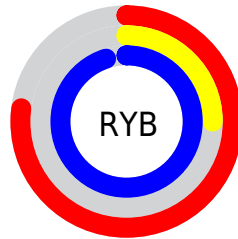
# Distribution



Red (77%)

Green (25%)

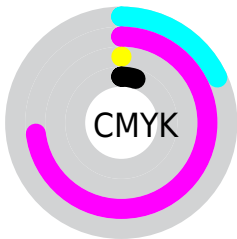
Blue (95%)



Red (77%)

Yellow (25%)

Blue (95%)

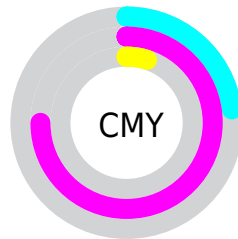


Cyan (18%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (75%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 124.5320, 57.4187, 63.5544 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 124.5320, 57.4187, 63.5544 by changing the saturation by 10% instead.





 124.5320, 57.4187,  
63.5544


 124.5320, 57.4187,  
63.5544


255.0000, 0.0000,  
0.0000


 90.5370, 59.8813,  
67.0581


 178.1030, 37.9102,  
67.4387


 62.2380, 60.0287,  
66.4433


 195.1260, 29.5179,  
52.5095


 50.3750, 52.0731,  
51.4141


 212.1490, 21.1255,  
37.5803

 38.6260, 44.5544,  
36.2850

 229.7590, 12.4438,  
22.1364

 26.9910, 37.4724,  
21.0559

 246.7820, 4.0515,  
7.2072

 13.6760, 31.7117,  
2.0381

 6.1560, 23.5871,

-5.3988

■ 4.8220, 13.3988,  
-4.2289

■ 0.4560, 1.7472,  
-0.3999

■ 124.5320, 57.4187,  
63.5544

■ 124.5320, 57.4187,  
63.5544

■ 108.6500, 65.2486,  
72.2210

■ 140.4140, 49.5889,  
54.8879

■ 92.7680, 73.0784,  
80.8875

■ 156.2960, 41.7591,  
46.2214

■ 81.5930, 78.5877,  
87.1799

■ 172.1780, 33.9292,  
37.5549

■ 188.0600, 26.0994,  
28.8884

■ 204.5290, 17.9802,  
19.7071

■ 220.4110, 10.1504,  
11.0406

■ 236.2930, 2.3206,  
2.3740

■ 250.4140, -4.6411,  
-4.7481

■ 252.2080, -5.5255,  
-1.0594

# Harmonies

## Analogous

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



100.0970, 76.3672, -87.7851



124.5320, 57.4187, 63.5544



94.7130, 33.1725, 140.5717

# Triad

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



124.5320, 57.4187, 63.5544



121.6240, -59.9606, 52.0728



116.7710, 33.6369, -102.4082

# Complementary

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



124.5320, 57.4187, 63.5544



181.4680, -57.4187, -63.5544

# 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.



105.4510, -4.6593, -92.4805



124.5320, 57.4187, 63.5544



114.4500, -56.4239, -9.1647

# Square

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



124.5320, 57.4187, 63.5544



109.3170, -53.8933, 112.8550



90.9850, -44.8556, -79.7938



123.5770, 64.7915, -108.3770



# Rectangle

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



124.5320, 57.4187, 63.5544



88.3290, 8.7118, 146.1705



90.9850, -44.8556, -79.7938



113.4650, 20.9698, -99.5088

# Sweetspot

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



124.5320, 57.4187, 63.5544



217.9420, 18.2696, 20.2219



110.8920, 64.1432, -40.2473



105.3510, 11.1660, 11.9702



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.



124.5320, 57.4187, 63.5544



106.7680, 73.0784, 80.8875



132.6720, 31.7137, 95.0037



112.0590, 3.9149, 4.3333



62.2380, 60.0287, 66.4433



18.9420, 18.2696, 20.2219



# Inverse Universe

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



122.6400, -6.7245, 103.8017



104.3600, -8.5585, 132.1113



173.3280, -31.7137, -95.0037



111.9300, -0.4585, 7.0774



60.2600, -7.0302, 108.5200



18.3400, -2.1396, 33.0278



# Previews

## White Background



This preview shows how the YUV color 124.5320, 57.4187, 63.5544 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

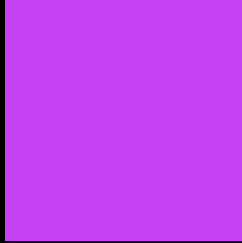
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 124.5320, 57.4187, 63.5544 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

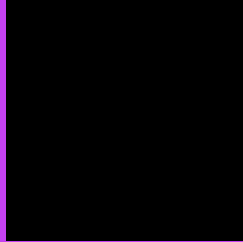
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.5320, 57.4187, 63.5544

## Background



This preview shows how black text looks on a background with the YUV color 124.5320, 57.4187, 63.5544.



This preview shows how white text looks on a background with the YUV color 124.5320, 57.4187, 63.5544.



# 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

124.5320, 57.4187, 63.5544

### Protanopia

115.6010, 68.7237, -62.7941

### Deuteranopia

114.0660, 56.6625, -67.5869



## Tritanopia

130.8420, -6.8241, 42.2346

# Trichromacy



## Original Color

124.5320, 57.4187, 63.5544



## Protanomaly

118.8610, 64.6515, -16.5411



## Deuteranomaly

117.7760, 56.8054, -19.9746



## Tritanomaly

128.6730, 16.4302, 50.2758

# Monochromacy



## Original Color

124.5320, 57.4187, 63.5544



## Achromatopsia

125.0000, 0.0000, 0.0000



## Achromatomaly

124.6480, 20.8795, 23.1107

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.5320, 57.4187, 63.5544 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(197, 65, 241)` looks like.

```
.text, #text, p{  
    color:rgb(197, 65, 241)  
}
```

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(197, 65, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 65, 241) }
```

## Border

The CSS property to change the border of an element to YUV 124.5320, 57.4187, 63.5544 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(197, 65, 241) }
```



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

```
.border{ border-color:rgb(197, 65, 241) }
```

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

Here you see how a box with a 4 pixel rgb(197, 65, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 65, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 65, 241);  
box-shadow:4px 4px 4px 4px rgb(197, 65,  
241) }
```

# Background

The CSS property to change the background color of an element to YUV 124.5320, 57.4187, 63.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 65, 241) }
```

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

```
.background{ background-color: rgb(197, 65,  
241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor