

# Converting Colors

YUV(122.0300, 65.5542,  
67.5027)

Have a look what the booklet for  
YUV(122.0300, 65.5542, 67.5027)  
contains.

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# Color

**YUV(122.0300, 65.5542,  
67.5027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C739FF
RGB	199, 57, 255
RGB Percent	78%, 22%, 100%
CMY	0.2196, 0.7765, 0.0000
CMYK	0.22, 0.78, 0.00, 0.00
HSL	283°, 100%, 61%
HSV	283°, 78%, 100%
XYZ	43.0663, 22.2884, 96.6400
YIQ	122.0300, 21.0740, 91.6820

# Conversions

## Conversions Part 2

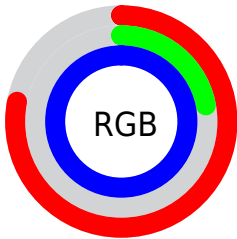
Format	Color
R <sub>Y</sub> B	199, 57, 255
Decimal	13056511
CIE Lab	54.33, 80.88, -70.94
CIE LCh	54, 107.585, 318.745
Yxy	22.2884, 0.2659, 0.1376
Android (android.graphics.Color)	4291246591 (0xFFC739FF)
YUV	122.0300, 65.5542, 67.5027
Hunter-Lab	47.2106, 80.2124, -88.3192

# Details

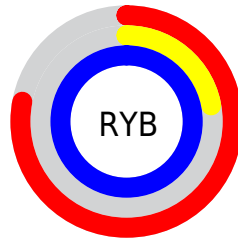
The YUV color **122.0300, 65.5542, 67.5027** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **189.9700, -65.5542, -67.5027**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1680, 39.3572, 70.0127**, and **64.0190, 65.5596, 65.7583** is the 20% darker color. If you saturate the color by 10%, you get **104.6750, 74.1102, 76.5840**, and if you desaturate by 10%, it is **138.7980, 57.2876, 58.9362**.

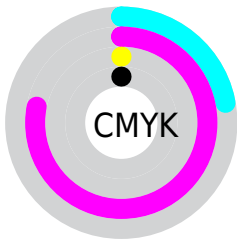
# Distribution



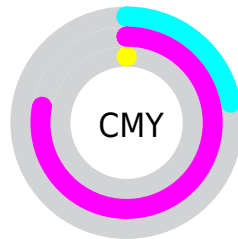
- Red (78%)
- Green (22%)
- Blue (100%)



- Red (78%)
- Yellow (22%)
- Blue (100%)



- Cyan (22%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (78%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.0300, 65.5542, 67.5027 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 122.0300, 65.5542, 67.5027 by changing the saturation by 10% instead.



122.0300, 65.5542,  
67.5027

122.0300, 65.5542,  
67.5027

255.0000, 0.0000,  
0.0000

80.4040, 71.7788,  
77.6987

175.1680, 39.3572,  
70.0127

64.0190, 65.5596,  
65.7583

192.7780, 30.6754,  
54.5687

52.1560, 57.6041,  
50.7292

209.8010, 22.2831,  
39.6395

39.8090, 50.3802,  
34.3705

227.4110, 13.6014,  
24.1956

27.4620, 43.1562,  
18.0118

245.0210, 4.9196,  
8.7516

11.4560, 38.7222,  
-6.5389

7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 122.0300, 65.5542,  
67.5027

■ 122.0300, 65.5542,  
67.5027

■ 104.6750, 74.1102,  
76.5840

■ 138.7980, 57.2876,  
58.9362

■ 87.9070, 82.3768,  
85.1506

■ 156.1530, 48.7316,  
49.8548

■ 83.7870, 84.4080,  
87.0098

■ 173.2200, 40.3175,  
41.9031

■ 190.5750, 31.7615,  
32.8217

■ 207.3430, 23.4949,  
24.2552

■ 224.6980, 14.9389,  
15.1739

■ 241.4660, 6.6723,  
6.6073

■ 255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



101.2710, 75.7884, -88.8147



122.0300, 65.5542, 67.5027



95.5110, 36.2301, 139.8719

# Triad

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



122.0300, 65.5542, 67.5027



122.8310, -60.5557, 56.2762



118.8740, 34.0791, -104.2525

# Complementary

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



122.0300, 65.5542, 67.5027



189.9700, -65.5542, -67.5027

# 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.



105.9410, -7.8589, -92.9103



122.0300, 65.5542, 67.5027



114.7380, -56.5658, -10.2942

# Square

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



122.0300, 65.5542, 67.5027



104.0890, -51.3159, 126.2099



92.1590, -45.4344, -80.8234



125.3380, 63.9234, -109.9214



# Rectangle

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



122.0300, 65.5542, 67.5027



88.5570, 9.5854, 145.9705



92.1590, -45.4344, -80.8234



114.6390, 20.3910, -100.5384

# Sweetspot

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



122.0300, 65.5542, 67.5027



215.2840, 19.5800, 19.9219



112.4440, 70.2801, -48.6244



103.5790, 12.0396, 11.7702



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.



122.0300, 65.5542, 67.5027



95.8480, 78.4619, 80.8173



133.8720, 38.5171, 106.2293



119.1730, 4.3517, 4.2333



62.7370, 63.2337, 65.1287



21.0500, 21.1744, 21.8811



# Inverse Universe

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



122.5860, -4.7259, 116.1271



96.5010, -5.6700, 139.0036



178.1280, -38.5171, -106.2293



119.2290, -0.6059, 7.6922



63.2650, -4.5676, 112.0236



21.1880, -1.5717, 37.5461



# Previews

## White Background



This preview shows how the YUV color 122.0300, 65.5542, 67.5027 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

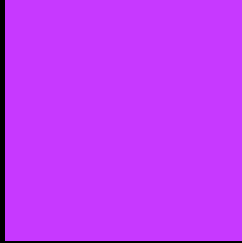
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.0300, 65.5542, 67.5027 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

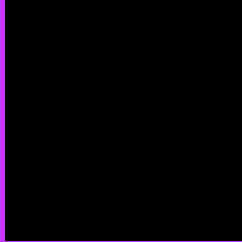
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.0300, 65.5542, 67.5027

## Background



This preview shows how black text looks on a background with the YUV color 122.0300, 65.5542, 67.5027.



This preview shows how white text looks on a background with the YUV color 122.0300, 65.5542, 67.5027.



# 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

122.0300, 65.5542, 67.5027

### Protanopia

116.7860, 68.1395, -62.0793

### Deuteranopia

104.6330, 63.2849, -91.7631



## Tritanopia

131.3580, -6.0925, 40.9050

# Trichromacy



## Original Color

122.0300, 65.5542, 67.5027

## Protanomaly

118.8550, 67.1195, -14.7818

## Deuteranomaly

110.6370, 64.2690, -33.8846

## Tritanomaly

128.1830, 19.6298, 50.7055

# Monochromacy



## Original Color

122.0300, 65.5542, 67.5027

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.7560, 23.7843, 24.7700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.0300, 65.5542, 67.5027 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(199, 57, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 57, 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(199, 57, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 57, 255) }
```

## Border

The CSS property to change the border of an element to YUV 122.0300, 65.5542, 67.5027 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(199, 57, 255) }
```



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

```
.border{ border-color:rgb(199, 57, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 57, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 57, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 57, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 57,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 122.0300, 65.5542, 67.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 57, 255) }
```

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

```
.background{ background-color: rgb(199, 57,  
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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