

# Converting Colors

YUV(124.9210, 64.1289,  
57.9513)

Have a look what the booklet for  
YUV(124.9210, 64.1289, 57.9513)  
contains.

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# Color

**YUV(124.9210, 64.1289,  
57.9513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF42FF
RGB	191, 66, 255
RGB Percent	75%, 26%, 100%
CMY	0.2510, 0.7412, 0.0000
CMYK	0.25, 0.74, 0.00, 0.00
HSL	280°, 100%, 63%
HSV	280°, 74%, 100%
XYZ	41.4841, 22.1928, 96.7049
YIQ	124.9210, 13.8310, 85.2790

# Conversions

## Conversions Part 2

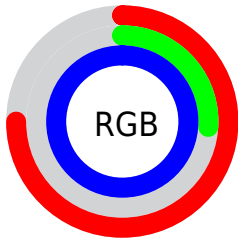
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 66, 255
Decimal	12534527
CIE <sub>Lab</sub>	54.23, 76.55, -71.16
CIE <sub>LCh</sub>	54, 104.517, 317.091
Y <sub>xy</sub>	22.1928, 0.2587, 0.1384
Android (android.graphics.Color)	4290724607 (0xFFBF42FF)
YUV	124.9210, 64.1289, 57.9513
Hunter-Lab	47.1092, 74.7448, -88.7329

# Details

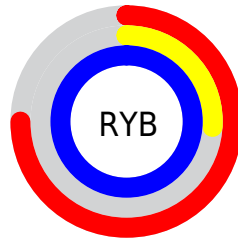
The YUV color **124.9210, 64.1289, 57.9513** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **196.0790, -64.1289, -57.9513**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7930, 38.0631, 65.0795**, and **61.9260, 66.5915, 61.4549** is the 20% darker color. If you saturate the color by 10%, you get **106.9680, 72.9798, 65.8031**, and if you desaturate by 10%, it is **142.2870, 55.5675, 50.6143**.

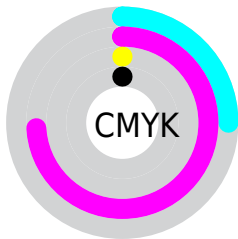
# Distribution



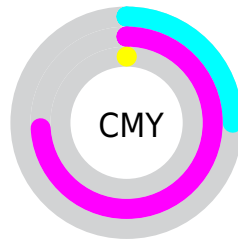
- Red (75%)
- Green (26%)
- Blue (100%)



- Red (75%)
- Yellow (26%)
- Blue (100%)



- Cyan (25%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (74%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 124.9210, 64.1289, 57.9513 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 124.9210, 64.1289, 57.9513 by changing the saturation by 10% instead.





 124.9210, 64.1289,  
57.9513


 124.9210, 64.1289,  
57.9513


255.0000, 0.0000,  
0.0000

 91.5130, 66.3021,  
60.9401


 177.7930, 38.0631,  
65.0795


 61.9260, 66.5915,  
61.4549

 195.7130, 29.2285,  
51.9947

 49.7640, 58.7833,  
45.8110


 212.7360, 20.8362,  
37.0655

 37.4170, 51.5594,  
29.4523

 229.7590, 12.4438,  
22.1364

 24.7710, 44.4829,  
12.4788

 247.3690, 3.7621,  
6.6924

 10.2600, 39.3118,  
-8.9980

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 124.9210, 64.1289,  
57.9513

■ 124.9210, 64.1289,  
57.9513

■ 106.9680, 72.9798,  
65.8031

■ 142.2870, 55.5675,  
50.6143

■ 89.9010, 81.3938,  
73.7548

■ 159.9410, 46.8641,  
42.1477

■ 79.6010, 86.4717,  
78.4029

■ 177.8940, 38.0133,  
34.2960

■ 195.2600, 29.4518,  
26.9590

■ 212.9140, 20.7484,  
18.4924

■ 230.2800, 12.1870,  
11.1554

■ 247.3470, 3.7729,  
3.2037

■ 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.



102.4450, 75.2096, -89.8443



124.9210, 64.1289, 57.9513



95.9670, 37.9773, 139.4719

# Triad

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



124.9210, 64.1289, 57.9513



122.5540, -60.4191, 59.1501



117.4890, 31.3109, -103.0379

# Complementary

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



124.9210, 64.1289, 57.9513



196.0790, -64.1289, -57.9513

# 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.



104.8980, -9.3167, -91.9955



124.9210, 64.1289, 57.9513



115.6570, -57.0189, -4.9612

# Square

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



124.9210, 64.1289, 57.9513



103.5020, -51.0265, 126.7247



91.5720, -45.1450, -80.3086



124.7510, 64.2128, -109.4066



# Rectangle

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



124.9210, 64.1289, 57.9513



89.1270, 11.7694, 145.4706



91.5720, -45.1450, -80.3086



113.3680, 18.0596, -99.4237

# Sweetspot

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



124.9210, 64.1289, 57.9513



216.4470, 19.0066, 17.1480



126.2880, 63.4550, -52.8726



104.4540, 11.6082, 10.1258



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.



124.9210, 64.1289, 57.9513



98.7280, 77.0421, 69.5215



140.8650, 42.4646, 100.0964



118.8740, 4.4991, 3.6185



59.4480, 64.8551, 58.3661



19.8540, 21.7640, 19.4220



# Inverse Universe

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



129.8070, 0.0951, 109.7943



104.6510, 0.1721, 131.8561



180.1350, -42.4646, -100.0964



119.3430, -0.1691, 7.5922



64.5190, 0.2371, 110.9238

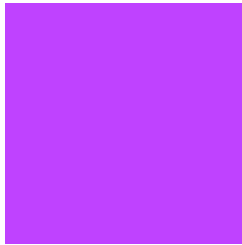


21.6440, 0.1755, 37.1462



# Previews

## White Background



This preview shows how the YUV color 124.9210, 64.1289, 57.9513 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

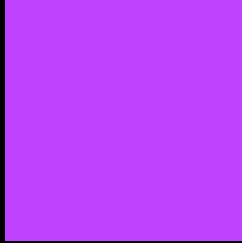
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 124.9210, 64.1289, 57.9513 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

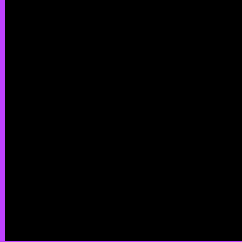
Any Text WCAG AA ✓ Pass

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 124.9210, 64.1289, 57.9513 Background



This preview shows how black text looks on a background with the YUV color 124.9210, 64.1289, 57.9513.



This preview shows how white text looks on a background with the YUV color 124.9210, 64.1289, 57.9513.



# 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

124.9210, 64.1289, 57.9513

### Protanopia

116.4870, 68.2869, -62.6941

### Deuteranopia

103.9320, 63.1375, -91.1484



## Tritanopia

131.7700, -4.3236, 33.5277

# Trichromacy



## Original Color

124.9210, 64.1289, 57.9513



## Protanomaly

119.4200, 66.8409, -18.7853



## Deuteranomaly

111.3870, 63.4062, -37.1734



## Tritanomaly

129.6550, 20.3831, 42.3986

# Monochromacy



## Original Color

124.9210, 64.1289, 57.9513



## Achromatopsia

125.0000, 0.0000, 0.0000



## Achromatomaly

125.2070, 23.0689, 20.8665

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.9210, 64.1289, 57.9513 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(191, 66, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 66, 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(191, 66, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 66, 255) }
```

## Border

The CSS property to change the border of an element to YUV 124.9210, 64.1289, 57.9513 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(191, 66, 255) }
```



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

```
.border{ border-color:rgb(191, 66, 255) }
```

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

Here you see how a box with a 4 pixel rgb(191, 66, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 66, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 66, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 66,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 124.9210, 64.1289, 57.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 66, 255) }
```

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

```
.background{ background-color: rgb(191, 66,  
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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