

Converting Colors

YUV(121.4120, 65.8589,
16.3017)

Have a look what the booklet for
YUV(121.4120, 65.8589, 16.3017)
contains.

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Color

**YUV(121.4120, 65.8589,
16.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	8C56FF
RGB	140, 86, 255
RGB Percent	55%, 34%, 100%
CMY	0.4510, 0.6627, 0.0000
CMYK	0.45, 0.66, 0.00, 0.00
HSL	259°, 100%, 67%
HSV	259°, 66%, 100%
XYZ	32.1930, 19.4510, 96.6654
YIQ	121.4120, -22.0650, 64.0070

Conversions

Conversions Part 2

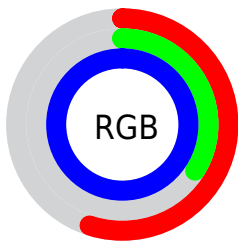
Format	Color
R_{YB}	140, 86, 255
Decimal	9197311
CIE _{Lab}	51.21, 58.83, -76.34
CIE _{LCh}	51, 96.379, 307.620
Yxy	19.4510, 0.2171, 0.1312
Android (android.graphics.Color)	4287387391 (0xFF8C56FF)
YUV	121.4120, 65.8589, 16.3017
Hunter-Lab	44.1033, 53.1144, -99.0792

Details

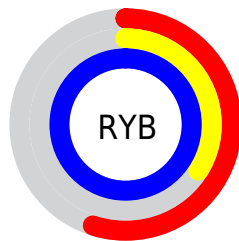
The YUV color **121.4120, 65.8589, 16.3017** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **219.5880, -65.8589, -16.3017**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4630, 41.6767, 25.9039**, and **65.4390, 64.8596, 10.1390** is the 20% darker color. If you saturate the color by 10%, you get **101.6540, 75.5996, 18.7204**, and if you desaturate by 10%, it is **141.7570, 55.8288, 13.3681**.

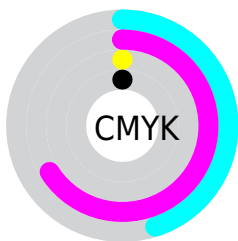
Distribution



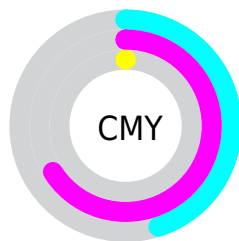
- Red (55%)
- Green (34%)
- Blue (100%)



- Red (55%)
- Yellow (34%)
- Blue (100%)



- Cyan (45%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4120, 65.8589, 16.3017 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 121.4120, 65.8589, 16.3017 by changing the saturation by 10% instead.

121.4120, 65.8589,
16.3017

121.4120, 65.8589,
16.3017

255.0000, 0.0000,
0.0000

93.5750, 65.2855,
13.5277

170.4630, 41.6767,
25.9039

65.4390, 64.8596,
10.1390

195.5810, 29.2936,
31.0625

30.9270, 68.0700,
7.0800

219.1930, 17.6529,
31.4027

16.1880, 62.0253,
-14.1969

236.2160, 9.2605,
16.4736

13.1100, 50.2318,
-11.4975

253.2390, 0.8682,
1.5444

10.1460, 38.8750,
-8.8980

11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 121.4120, 65.8589,
16.3017

■ 121.4120, 65.8589,
16.3017

■ 101.6540, 75.5996,
18.7204

■ 141.7570, 55.8288,
13.3681

■ 81.0100, 85.7771,
21.0392

■ 161.8140, 45.9407,
11.5641

■ 61.2520, 95.5178,
23.4580

■ 182.1590, 35.9106,
8.6306

■ 53.2890, 99.4435,
24.3025

■ 201.9170, 26.1699,
6.2118

■ 222.5610, 15.9924,
3.8930

■ 242.3190, 6.2517,
1.4742

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.



104.2060, 74.3414, -91.3887



121.4120, 65.8589, 16.3017



90.3870, 47.6302, 123.3176

Triad

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



121.4120, 65.8589, 16.3017



113.4940, -55.9525, 73.2348



106.5860, 17.4591, -93.4759

Complementary

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



121.4120, 65.8589, 16.3017



219.5880, -65.8589, -16.3017

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.



94.6790, -20.5477, -83.0335



121.4120, 65.8589, 16.3017



112.8320, -55.6262, 15.0563

Square

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



121.4120, 65.8589, 16.3017



83.9700, -30.5512, 139.4693



83.9410, -41.3829, -73.6163



115.7060, 52.4029, -101.4742

Rectangle

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



121.4120, 65.8589, 16.3017



91.2930, 20.0686, 143.5710



83.9410, -41.3829, -73.6163



102.6930, 5.0814, -90.0618

Sweetspot

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



121.4120, 65.8589, 16.3017



214.5980, 19.9182, 4.7376



172.7710, 40.5389, -76.0982



103.5240, 12.0667, 3.0485



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.



121.4120, 65.8589, 16.3017



93.6910, 79.5253, 19.5650



146.5280, 53.4767, 67.9429



117.6780, 5.0887, 1.1594



40.0130, 74.4366, 18.4056



13.2760, 25.0069, 5.8969

Inverse Universe

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



149.6410, 25.3200, 92.3998



127.8420, 30.6439, 111.5176



194.4720, -53.4767, -67.9429



119.7990, 1.5781, 7.1923



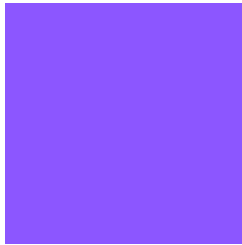
71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 121.4120, 65.8589, 16.3017 looks on a white background.

Color Contrast Check

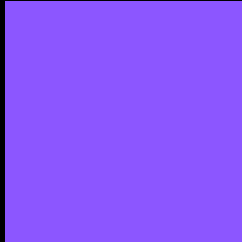
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4120, 65.8589, 16.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

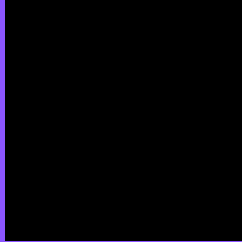
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.4120, 65.8589, 16.3017

Background



This preview shows how black text looks on a background with the YUV color 121.4120, 65.8589, 16.3017.



This preview shows how white text looks on a background with the YUV color 121.4120, 65.8589, 16.3017.

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

121.4120, 65.8589, 16.3017

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

97.8850, 57.7377, -85.8451



Tritanopia

120.6550, 6.5791, -10.2214

Trichromacy



Original Color

121.4120, 65.8589, 16.3017

Protanomaly

106.0850, 71.4431, -48.3095

Deuteranomaly

106.6260, 60.8234, -48.7840

Tritanomaly

120.7420, 28.2282, -0.6507

Monochromacy



Original Color

121.4120, 65.8589, 16.3017

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0480, 24.1333, 6.0969

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4120, 65.8589, 16.3017 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(140, 86, 255)` looks like.

```
.text, #text, p{  
  color:rgb(140, 86, 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(140, 86, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 86, 255) }
```

Border

The CSS property to change the border of an element to YUV 121.4120, 65.8589, 16.3017 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(140, 86, 255) }
```


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

```
.border{ border-color:rgb(140, 86, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 86, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 86, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 86, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 86,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 121.4120, 65.8589, 16.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 86, 255) }
```

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

```
.background{ background-color: rgb(140, 86,  
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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