

Converting Colors

YUV(123.4500, 64.8542,
11.8834)

Have a look what the booklet for
YUV(123.4500, 64.8542, 11.8834)
contains.

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Color

**YUV(123.4500, 64.8542,
11.8834)**

Conversions

Conversions Part 1

Format	Color
Hex	895BFF
RGB	137, 91, 255
RGB Percent	54%, 36%, 100%
CMY	0.4627, 0.6431, 0.0000
CMYK	0.46, 0.64, 0.00, 0.00
HSL	257°, 100%, 68%
HSV	257°, 64%, 100%
XYZ	32.1076, 20.0205, 96.7798
YIQ	123.4500, -25.2280, 60.7560

Conversions

Conversions Part 2

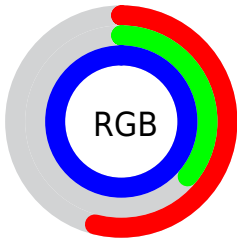
Format	Color
R_{YB}	137, 91, 255
Decimal	9001983
CIE _{Lab}	51.86, 55.72, -75.30
CIE _{LCh}	52, 93.672, 306.503
Yxy	20.0205, 0.2156, 0.1344
Android (android.graphics.Color)	4287192063 (0xFF895BFF)
YUV	123.4500, 64.8542, 11.8834
Hunter-Lab	44.7443, 49.7854, -96.9204

Details

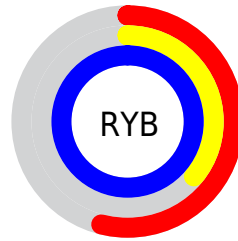
The YUV color **123.4500, 64.8542, 11.8834** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **222.5500, -64.8541, -11.8833**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5010, 40.6720, 21.4856**, and **68.0640, 63.5654, 5.2059** is the 20% darker color. If you saturate the color by 10%, you get **103.3930, 74.7423, 13.6873**, and if you desaturate by 10%, it is **144.0940, 54.6767, 9.5646**.

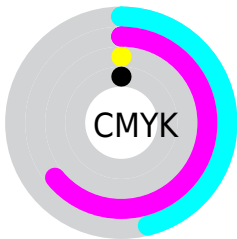
Distribution



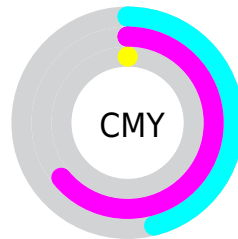
- Red (54%)
- Green (36%)
- Blue (100%)



- Red (54%)
- Yellow (36%)
- Blue (100%)



- Cyan (46%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4500, 64.8542, 11.8834 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 123.4500, 64.8542, 11.8834 by changing the saturation by 10% instead.

123.4500, 64.8542,
11.8834

123.4500, 64.8542,
11.8834

255.0000, 0.0000,
0.0000

96.2000, 63.9914,
8.5946

172.5010, 40.6720,
21.4856

68.0640, 63.5654,
5.2059

197.6190, 28.2888,
26.6441

36.7750, 65.1869,
-1.5567

222.1280, 16.2059,
28.8287

16.1880, 62.0253,
-14.1969

238.5640, 8.1029,
14.4144

13.1100, 50.2318,
-11.4975

10.2600, 39.3118,
-8.9980

11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 123.4500, 64.8542,
11.8834

■ 123.4500, 64.8542,
11.8834

■ 103.3930, 74.7423,
13.6873

■ 144.0940, 54.6767,
9.5646

■ 82.4500, 85.0671,
15.3914

■ 164.4500, 44.6412,
8.3754

■ 62.3930, 94.9553,
17.1953

■ 185.0940, 34.4637,
6.0566

■ 50.5980, 100.7702,
18.7696

■ 205.1510, 24.5756,
4.2526

■ 226.0940, 14.2507,
2.5486

■ 246.1510, 4.3626,
0.7446

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.



105.3800, 73.7627, -92.4183



123.4500, 64.8542, 11.8834



89.7180, 48.9460, 121.2733

Triad

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



123.4500, 64.8542, 11.8834



114.9780, -56.6842, 74.5643



106.9450, 16.2961, -93.7908

Complementary

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



123.4500, 64.8542, 11.8834



222.5500, -64.8541, -11.8833

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.



95.2660, -20.8371, -83.5483



123.4500, 64.8542, 11.8834



114.9140, -56.6526, 17.6154

Square

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



123.4500, 64.8542, 11.8834



91.6380, -30.3875, 133.6215



94.0960, -46.3893, -54.4582



115.9510, 50.8032, -101.6890

Rectangle

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



123.4500, 64.8542, 11.8834



91.2650, 22.5474, 141.8416



94.0960, -46.3893, -54.4582



103.1660, 4.3552, -90.4766

Sweetspot

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



123.4500, 64.8542, 11.8834



216.3590, 19.0500, 3.1932



180.1360, 36.9080, -78.1723



103.8120, 11.9247, 1.9189



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.



123.4500, 64.8542, 11.8834



97.7890, 77.5050, 14.2170



147.3700, 53.0616, 61.0655



117.3790, 5.2362, 0.5446



37.9200, 75.4684, 14.1022



12.6780, 25.3017, 4.6674

Inverse Universe

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



153.4880, 27.3674, 89.0260



133.6780, 32.6967, 106.3994



198.6300, -53.0616, -61.0655



119.9130, 2.0149, 7.0923



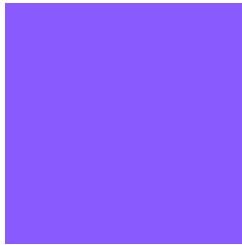
72.8410, 32.1234, 103.6254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 123.4500, 64.8542, 11.8834 looks on a white background.

Color Contrast Check

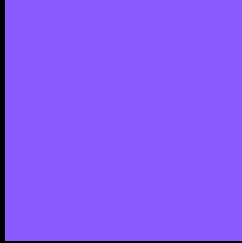
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.4500, 64.8542, 11.8834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

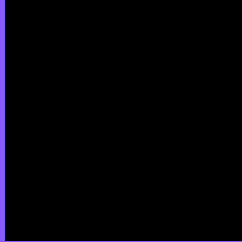
Any Text WCAG AA ✓ Pass

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 123.4500, 64.8542, 11.8834 Background



This preview shows how black text looks on a background with the YUV color 123.4500, 64.8542, 11.8834.



This preview shows how white text looks on a background with the YUV color 123.4500, 64.8542, 11.8834.

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

123.4500, 64.8542, 11.8834

Protanopia

98.5810, 75.6356, -86.4555

Deuteranopia

98.9280, 59.1955, -86.7599



Tritanopia

121.2740, 7.7529, -13.3953

Trichromacy



Original Color

123.4500, 64.8542, 11.8834



Protanomaly

107.7750, 71.5959, -50.6687



Deuteranomaly

107.7290, 61.2656, -50.6283



Tritanomaly

121.8340, 28.6758, -4.2394

Monochromacy



Original Color

123.4500, 64.8542, 11.8834



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.9230, 23.7020, 4.4525

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4500, 64.8542, 11.8834 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(137, 91, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 91, 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(137, 91, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 91, 255) }
```

Border

The CSS property to change the border of an element to YUV 123.4500, 64.8542, 11.8834 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(137, 91, 255) }
```


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

```
.border{ border-color:rgb(137, 91, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 91, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 91, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 91, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 91,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 123.4500, 64.8542, 11.8834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 91, 255) }
```

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

```
.background{ background-color: rgb(137, 91,  
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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