

Converting Colors

YUV(154.3560, 44.1945,
58.4468)

Have a look what the booklet for
YUV(154.3560, 44.1945, 58.4468)
contains.

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Color

**YUV(154.3560, 44.1945,
58.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	DD67F4
RGB	221, 103, 244
RGB Percent	87%, 40%, 96%
CMY	0.1333, 0.5961, 0.0431
CMYK	0.09, 0.58, 0.00, 0.04
HSL	290°, 87%, 68%
HSV	290°, 58%, 96%
XYZ	50.9982, 31.6043, 89.0003
YIQ	154.3560, 25.0670, 68.8670

Conversions

Conversions Part 2

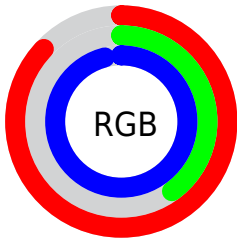
Format	Color
R _Y B	221, 103, 244
Decimal	14510068
CIE Lab	63.01, 65.72, -50.77
CIE LCh	63, 83.042, 322.313
Yxy	31.6043, 0.2972, 0.1842
Android (android.graphics.Color)	4292700148 (0xFFDD67F4)
YUV	154.3560, 44.1945, 58.4468
Hunter-Lab	56.2177, 63.5462, -54.5118

Details

The YUV color **154.3560, 44.1945, 58.4468** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **192.6440, -44.1945, -58.4468**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **95.8830, 44.9207, 58.8616** is the 20% darker color. If you saturate the color by 10%, you get **139.0720, 51.7295, 68.3429**, and if you desaturate by 10%, it is **169.6400, 36.6595, 48.5507**.

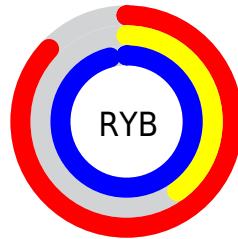
Distribution



Red (87%)

Green (40%)

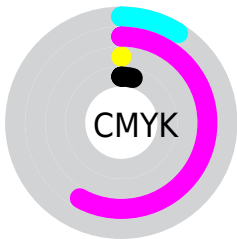
Blue (96%)



Red (87%)

Yellow (40%)

Blue (96%)

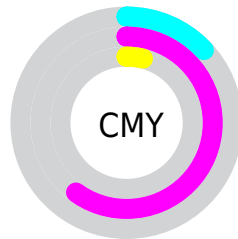


Cyan (9%)

Magenta (58%)

Yellow (0%)

Black (4%)



Cyan (13%)


Magenta (60%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.3560, 44.1945, 58.4468 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 154.3560, 44.1945, 58.4468 by changing the saturation by 10% instead.


 154.3560, 44.1945,
58.4468


 154.3560, 44.1945,
58.4468


255.0000, 0.0000,
0.0000


 125.9430, 43.9051,
57.9320


 198.6480, 27.7815,
49.4207


 95.8830, 44.9207,
58.8616


 215.6710, 19.3892,
34.4915


 58.3060, 50.1351,
66.3836

 232.6940, 10.9969,
19.5624

 46.8560, 42.4690,
51.8693

 249.7170, 2.6045,
4.6332

 35.8190, 35.0922,
37.8697

 24.8960, 28.1523,
23.7702

 13.4890, 21.9439,

8.3411

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 154.3560, 44.1945,
58.4468

■ 154.3560, 44.1945,
58.4468

■ 139.0720, 51.7295,
68.3429

■ 169.6400, 36.6595,
48.5507

■ 123.2010, 59.5539,
78.7537

■ 185.5110, 28.8351,
38.1399

■ 107.9170, 67.0889,
88.6498

■ 200.7950, 21.3001,
28.2438

■ 92.0460, 74.9133,
99.0607

■ 216.6660, 13.4757,
17.8329

88.8120, 76.5077,
101.0199

231.9500, 5.9407,
7.9369

247.2340, -1.5944,
-1.9592

251.9520, -3.9203,
-2.5889

253.1480, -4.5100,
-0.1298

253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



141.7370, 55.8387, -36.6033



154.3560, 44.1945, 58.4468



134.9370, 19.7511, 105.2953

Triad

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



154.3560, 44.1945, 58.4468



143.7410, -70.8643, 49.3391



132.1930, 36.8799, -115.9333

Complementary

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



154.3560, 44.1945, 58.4468



192.6440, -44.1945, -58.4468

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.



122.8280, 3.5358, -107.7202



154.3560, 44.1945, 58.4468



136.0240, -67.0598, -4.4060

Square

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



154.3560, 44.1945, 58.4468



142.2240, -56.3124, 95.3966



110.4140, -28.7981, -96.8331



135.3170, 59.0037, -118.6730

Rectangle

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



154.3560, 44.1945, 58.4468



127.4760, -1.2207, 111.8385



110.4140, -28.7981, -96.8331



129.3430, 25.9599, -113.4338

Sweetspot

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



154.3560, 44.1945, 58.4468



227.6660, 13.4757, 17.8329



133.1620, 54.6431, -26.4521



111.2430, 8.2612, 10.3109



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.



154.3560, 44.1945, 58.4468



143.0170, 55.2076, 72.7761



155.8750, 20.2746, 77.2856



114.3580, 3.7675, 4.9480



67.8480, 58.2489, 77.3093



21.3770, 18.5481, 24.2254

Inverse Universe

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



147.7810, -10.7380, 84.3841



134.9300, -13.2765, 105.3014



191.1250, -20.2746, -77.2856



113.8160, -0.8953, 7.1774



59.0340, -14.3138, 111.3492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 154.3560, 44.1945, 58.4468 looks on a white background.

Color Contrast Check

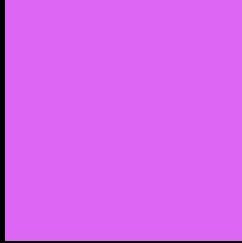
Large Text (above 18pt) WCAG AA × Fail

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 154.3560, 44.1945, 58.4468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

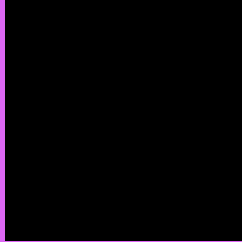
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3560, 44.1945, 58.4468

Background



This preview shows how black text looks on a background with the YUV color 154.3560, 44.1945, 58.4468.



This preview shows how white text looks on a background with the YUV color 154.3560, 44.1945,

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

154.3560, 44.1945, 58.4468

Protanopia

149.4120, 52.0549, -36.3183

Deuteranopia

149.2030, 42.2979, -33.5040



Tritanopia

154.8640, -6.8350, 45.7233

Trichromacy



Original Color

154.3560, 44.1945, 58.4468



Protanomaly

151.2360, 49.1837, -1.9610



Deuteranomaly

150.9390, 42.9211, 0.0535



Tritanomaly

154.7070, 11.4834, 50.2460

Monochromacy



Original Color

154.3560, 44.1945, 58.4468



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.7850, 16.3750, 21.2366

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3560, 44.1945, 58.4468 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(221, 103, 244)` looks like.

```
.text, #text, p{  
    color:rgb(221, 103, 244)  
}
```

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(221, 103, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 103, 244) }
```

Border

The CSS property to change the border of an element to YUV 154.3560, 44.1945, 58.4468 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(221, 103, 244) }
```


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

```
.border{ border-color:rgb(221, 103, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 103, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 103, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 103, 244);  
box-shadow:4px 4px 4px 4px rgb(221, 103,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 154.3560, 44.1945, 58.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 103, 244) }
```

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

```
.background{ background-color: rgb(221,  
103, 244) }
```

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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