

Converting Colors

YUV(132.4480, 44.6421,
54.8581)

Have a look what the booklet for
YUV(132.4480, 44.6421, 54.8581)
contains.

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Color

**YUV(132.4480, 44.6421,
54.8581)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C353DF |
| RGB | 195, 83, 223 |
| RGB Percent | 76%, 33%, 87% |
| CMY | 0.2353, 0.6745, 0.1255 |
| CMYK | 0.13, 0.63, 0.00, 0.13 |
| HSL | 288°, 69%, 60% |
| HSV | 288°, 63%, 87% |
| XYZ | 38.9182, 23.1163, 72.2227 |
| YIQ | 132.4480, 21.8120, 67.2840 |

Conversions

Conversions Part 2

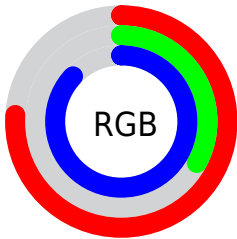
| Format | Color |
|-------------------------------------|--|
| RYB | 195, 83, 223 |
| Decimal | 12800991 |
| CIELab | 55.19, 64.42, -51.68 |
| CIELCh | 55, 82.589, 321.265 |
| Yxy | 23.1163, 0.2899, 0.1722 |
| Android (android.graphics.Color) | 4290991071 (0xFFC353DF) |
| YUV | 132.4480, 44.6421, 54.8581 |
| Hunter-Lab | 48.0794, 60.3490, -55.4071 |

Details

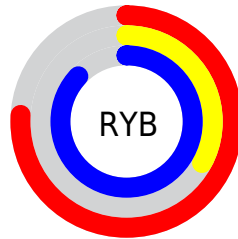
The YUV color **132.4480, 44.6421, 54.8581** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **173.5520, -44.6421, -54.8581**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6090, 33.7168, 59.1019**, and **70.8660, 47.3941, 58.8765** is the 20% darker color. If you saturate the color by 10%, you get **118.3380, 51.5984, 63.7246**, and if you desaturate by 10%, it is **146.5580, 37.6859, 45.9916**.

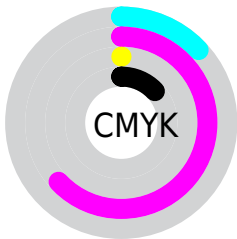
Distribution



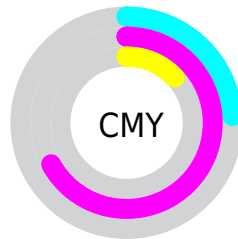
- Red (76%)
- Green (33%)
- Blue (87%)



- Red (76%)
- Yellow (33%)
- Blue (87%)



- Cyan (13%)
- Magenta (63%)
- Yellow (0%)
- Black (13%)





- Cyan (24%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.4480, 44.6421, 54.8581 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 132.4480, 44.6421, 54.8581 by changing the saturation by 10% instead.


 132.4480, 44.6421,
54.8581


 132.4480, 44.6421,
54.8581


255.0000, 0.0000,
0.0000


 103.5620, 45.0789,
54.7581


 186.6090, 33.7168,
59.1019

 70.8660, 47.3941,
58.8765


 203.3440, 25.4664,
45.3023

 48.8500, 44.9370,
53.6285


 220.3670, 17.0741,
30.3731

 37.5140, 37.7076,
39.0142

 237.3900, 8.6817,
15.4440

 26.5910, 30.7676,
24.9147

254.4130, 0.2894,
0.5148

 15.3690, 23.9751,
10.2004

 5.8480, 17.3299,

-5.1287

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 132.4480, 44.6421,
54.8581

■ 132.4480, 44.6421,
54.8581

■ 118.3380, 51.5984,
63.7246

■ 146.5580, 37.6859,
45.9916

■ 103.3420, 58.9914,
72.4911

■ 161.5540, 30.2929,
37.2251

■ 89.2320, 65.9476,
81.3575

■ 175.6640, 23.3366,
28.3587

■ 78.6440, 71.1675,
87.1352

■ 190.0730, 16.2330,
20.1070

204.7700, 8.9874,
10.7257

219.1790, 1.8838,
2.4740

233.2890, -5.0725,
-6.3925

244.1760,
-10.4398, -11.5554

245.3720,
-11.0294, -9.0962

Harmonies

Analogous

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



119.2110, 66.9440, -51.9280



132.4480, 44.6421, 54.8581



111.2960, 22.0391, 118.1354

Triad

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



132.4480, 44.6421, 54.8581



124.8360, -61.5441, 46.6248



116.4290, 32.3265, -102.1082

Complementary

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



132.4480, 44.6421, 54.8581



173.5520, -44.6421, -54.8581

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.



106.8190, 0.5822, -93.6803



132.4480, 44.6421, 54.8581



118.0160, -58.1819, -5.2760

Square

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



132.4480, 44.6421, 54.8581



119.2840, -57.3280, 94.4669



94.5360, -33.7882, -82.9081



121.1490, 60.5655, -106.2477

Rectangle

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



132.4480, 44.6421, 54.8581



103.9330, 2.4980, 132.4858



94.5360, -33.7882, -82.9081



113.6930, 21.8434, -99.7088

Sweetspot

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



132.4480, 44.6421, 54.8581



223.8340, 15.3648, 18.5626



115.3960, 53.0488, -28.4113



108.5960, 9.5662, 11.7553



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.



132.4480, 44.6421, 54.8581



131.5210, 60.8751, 74.9651



136.0320, 22.1692, 76.2709



104.9450, 3.4781, 4.4332



62.2230, 56.0921, 69.0874



17.1330, 15.2174, 19.1774

Inverse Universe

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



128.0520, -8.4066, 83.2694



125.4410, -11.5564, 113.6232



169.9680, -22.1692, -76.2709



104.5170, -0.7479, 6.5626



56.6140, -10.6557, 104.7015



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 132.4480, 44.6421, 54.8581 looks on a white background.

Color Contrast Check

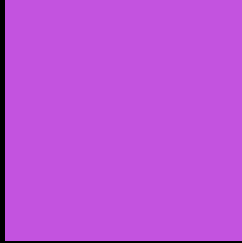
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.4480, 44.6421, 54.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

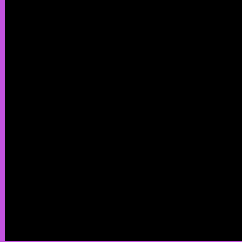
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.4480, 44.6421, 54.8581

Background



This preview shows how black text looks on a background with the YUV color 132.4480, 44.6421, 54.8581.



This preview shows how white text looks on a background with the YUV color 132.4480, 44.6421, 54.8581.

54.8581.

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

132.4480, 44.6421, 54.8581

Protanopia

121.5480, 65.7918, -55.7316

Deuteranopia

127.5830, 42.6036, -38.2223



Tritanopia

134.2440, -6.5293, 41.0050

Trichromacy



Original Color

132.4480, 44.6421, 54.8581



Protanomaly

125.7380, 57.8102, -15.5562



Deuteranomaly

129.3190, 43.2267, -4.6648



Tritanomaly

133.5000, 12.0785, 46.0425

Monochromacy



Original Color

132.4480, 44.6421, 54.8581



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.0730, 16.2330, 20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.4480, 44.6421, 54.8581 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(195, 83, 223)` looks like.

```
.text, #text, p{  
    color:rgb(195, 83, 223)  
}
```

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(195, 83, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 83, 223) }
```

Border

The CSS property to change the border of an element to YUV 132.4480, 44.6421, 54.8581 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(195, 83, 223) }
```


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

```
.border{ border-color:rgb(195, 83, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 83, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 83, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 83, 223);  
box-shadow:4px 4px 4px 4px rgb(195, 83,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 132.4480, 44.6421, 54.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 83, 223) }
```

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

```
.background{ background-color: rgb(195, 83,  
223) }
```

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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