

Converting Colors

YUV(139.9290, 51.8000,
45.6663)

Have a look what the booklet for
YUV(139.9290, 51.8000, 45.6663)
contains.

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Color

**YUV(139.9290, 51.8000,
45.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	C05DF5
RGB	192, 93, 245
RGB Percent	75%, 36%, 96%
CMY	0.2471, 0.6353, 0.0392
CMYK	0.22, 0.62, 0.00, 0.04
HSL	279°, 88%, 66%
HSV	279°, 62%, 96%
XYZ	42.1340, 25.6277, 89.1121
YIQ	139.9290, 10.2120, 68.2600

Conversions

Conversions Part 2

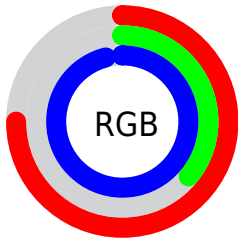
Format	Color
R _Y B	192, 93, 245
Decimal	12606965
CIE Lab	57.68, 63.65, -60.04
CIE LCh	58, 87.498, 316.671
Yxy	25.6277, 0.2686, 0.1634
Android (android.graphics.Color)	4290797045 (0xFFC05DF5)
YUV	139.9290, 51.8000, 45.6663
Hunter-Lab	50.6238, 59.9730, -68.9303

Details

The YUV color **139.9290, 51.8000, 45.6663** 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 **198.0710, -51.8000, -45.6663**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2940, 31.4071, 53.2392**, and **82.0430, 52.2368, 45.5663** is the 20% darker color. If you saturate the color by 10%, you get **122.5630, 60.3614, 53.0032**, and if you desaturate by 10%, it is **156.7080, 43.5280, 38.8441**.

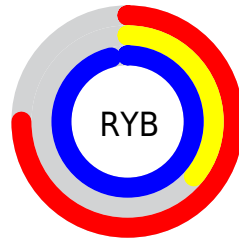
Distribution



Red (75%)

Green (36%)

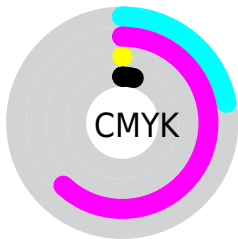
Blue (96%)



Red (75%)

Yellow (36%)

Blue (96%)

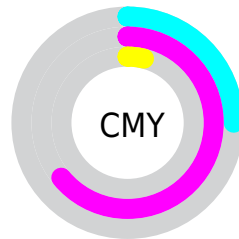


Cyan (22%)

Magenta (62%)

Yellow (0%)

Black (4%)



Cyan (25%)


Magenta (64%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.9290, 51.8000, 45.6663 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 139.9290, 51.8000, 45.6663 by changing the saturation by 10% instead.


 139.9290, 51.8000,
45.6663


 139.9290, 51.8000,
45.6663


255.0000, 0.0000,
0.0000


 111.5160, 51.5106,
45.1515


 191.2940, 31.4071,
53.2392

 82.0430, 52.2368,
45.5663


 208.6270, 22.8619,
40.6691


 49.9340, 54.2625,
49.1699

 225.6500, 14.4696,
25.7400

 38.1850, 46.7438,
34.0408

 242.6730, 6.0772,
10.8108

 26.5500, 39.6619,
18.8117

 14.4310, 33.3115,
2.2530

 6.6120, 25.3343,

-5.7987

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 139.9290, 51.8000,
45.6663

■ 139.9290, 51.8000,
45.6663

■ 122.5630, 60.3614,
53.0032

■ 156.7080, 43.5280,
38.8441

■ 106.0830, 68.4861,
60.4402

■ 173.7750, 35.1139,
30.8923

■ 88.7170, 77.0475,
67.7772

■ 190.5540, 26.8419,
24.0701

■ 75.7700, 83.4304,
73.8697

■ 207.6210, 18.4278,
16.1184

224.4000, 10.1558,
9.2962

241.4670, 1.7418,
1.3444

252.9630, -3.9258,
-0.8446

253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



107.7280, 72.6051, -94.4775



139.9290, 51.8000, 45.6663



117.4410, 28.8696, 120.6392

Triad

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



139.9290, 51.8000, 45.6663



130.8050, -64.4869, 57.1760



121.0110, 29.5746, -106.1266

Complementary

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



139.9290, 51.8000, 45.6663



198.0710, -51.8000, -45.6663

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.



110.6030, -5.2273, -96.9988



139.9290, 51.8000, 45.6663



125.1480, -61.6980, 2.5012

Square

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



139.9290, 51.8000, 45.6663



123.6690, -51.1088, 106.4073



95.0940, -46.8813, -83.3974



127.1160, 60.5818, -111.4807

Rectangle

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



139.9290, 51.8000, 45.6663



94.6040, 14.9852, 140.6673



95.0940, -46.8813, -83.3974



117.9330, 17.7810, -103.4272

Sweetspot

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



139.9290, 51.8000, 45.6663



221.7410, 16.3967, 14.2591



141.4390, 51.0556, -42.4810



107.1010, 10.3032, 8.6814



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.



139.9290, 51.8000, 45.6663



124.3230, 64.4238, 56.7217



153.1540, 33.9411, 80.5489



113.7600, 4.0623, 3.7185



57.3830, 63.4082, 55.7921



18.0880, 20.1696, 17.4628

Inverse Universe

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



144.4900, 0.7444, 88.1473



130.0350, 0.9687, 109.5943



184.8460, -33.9411, -80.5489



114.0440, -0.0217, 6.9774



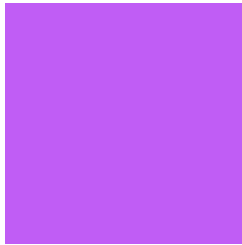
63.0240, 0.9742, 107.8500



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 139.9290, 51.8000, 45.6663 looks on a white background.

Color Contrast Check

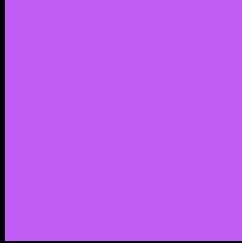
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9290, 51.8000, 45.6663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

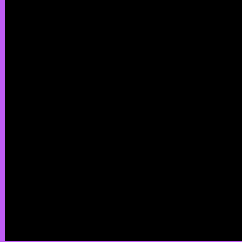
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.9290, 51.8000, 45.6663

Background



This preview shows how black text looks on a background with the YUV color 139.9290, 51.8000, 45.6663.



This preview shows how white text looks on a background with the YUV color 139.9290, 51.8000,

45.6663.

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

139.9290, 51.8000, 45.6663

Protanopia

131.0390, 61.1128, -48.2692

Deuteranopia

129.4160, 52.5459, -53.8618



Tritanopia

140.7910, -2.8550, 29.1243

Trichromacy



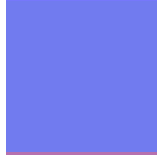
Original Color

139.9290, 51.8000, 45.6663



Protanomaly

134.3360, 57.5154, -14.3267



Deuteranomaly

133.2340, 52.1426, -17.7452



Tritanomaly

140.4000, 17.0578, 35.6062

Monochromacy



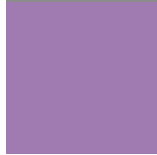
Original Color

139.9290, 51.8000, 45.6663



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.0340, 18.7172, 16.6332

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9290, 51.8000, 45.6663 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(192, 93, 245)` looks like.

```
.text, #text, p{  
    color:rgb(192, 93, 245)  
}
```

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(192, 93, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 93, 245) }
```

Border

The CSS property to change the border of an element to YUV 139.9290, 51.8000, 45.6663 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(192, 93, 245) }
```


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

```
.border{ border-color:rgb(192, 93, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 93, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 93, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 93, 245);  
box-shadow:4px 4px 4px 4px rgb(192, 93,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 139.9290, 51.8000, 45.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 93, 245) }
```

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

```
.background{ background-color: rgb(192, 93,  
245) }
```

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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