

Converting Colors

YUV(138.8390, 44.9424,
51.8842)

Have a look what the booklet for
YUV(138.8390, 44.9424, 51.8842)
contains.

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Color

**YUV(138.8390, 44.9424,
51.8842)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C65BE6 |
| RGB | 198, 91, 230 |
| RGB Percent | 78%, 36%, 90% |
| CMY | 0.2235, 0.6431, 0.0980 |
| CMYK | 0.14, 0.60, 0.00, 0.10 |
| HSL | 286°, 74%, 63% |
| HSV | 286°, 60%, 90% |
| XYZ | 41.3127, 25.2011, 77.5498 |
| YIQ | 138.8390, 19.1530, 65.9130 |

Conversions

Conversions Part 2

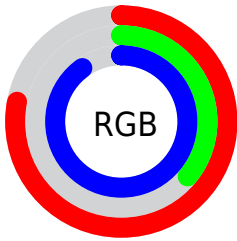
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 198, 91, 230 |
| Decimal | 12999654 |
| CIE Lab | 57.27, 62.93, -52.28 |
| CIE LCh | 57, 81.811, 320.280 |
| Yxy | 25.2011, 0.2868, 0.1749 |
| Android (android.graphics.Color) | 4291189734 (0xFFC65BE6) |
| YUV | 138.8390, 44.9424, 51.8842 |
| Hunter-Lab | 50.2007, 59.0455, -56.4504 |

Details

The YUV color **138.8390, 44.9424, 51.8842** 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 **182.1610, -44.9424, -51.8842**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0170, 31.5436, 56.1131**, and **80.7790, 45.9580, 52.8138** is the 20% darker color. If you saturate the color by 10%, you get **123.8430, 52.3354, 60.6507**, and if you desaturate by 10%, it is **153.8350, 37.5493, 43.1177**.

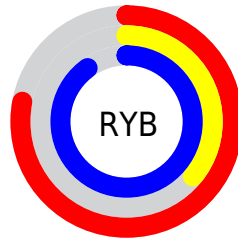
Distribution



Red (78%)

Green (36%)

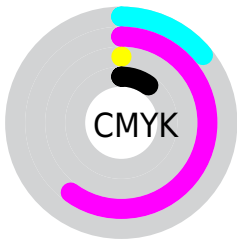
Blue (90%)



Red (78%)

Yellow (36%)

Blue (90%)

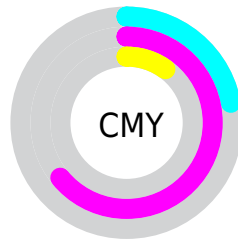


Cyan (14%)

Magenta (60%)

Yellow (0%)

Black (10%)



Cyan (22%)

Magenta (64%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8390, 44.9424, 51.8842 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 138.8390, 44.9424, 51.8842 by changing the saturation by 10% instead.

138.8390, 44.9424,
51.8842

138.8390, 44.9424,
51.8842

255.0000, 0.0000,
0.0000

110.5400, 45.0898,
51.2694

191.0170, 31.5436,
56.1131

80.7790, 45.9580,
52.8138

208.0400, 23.1513,
41.1839

50.5450, 47.5523,
54.7730

224.4760, 15.0483,
26.7695

39.0950, 39.8862,
40.2587

241.4990, 6.6560,
11.8404

27.8730, 33.0936,
25.5444

17.2490, 26.0062,
12.0596

5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 138.8390, 44.9424,
51.8842

■ 138.8390, 44.9424,
51.8842

■ 123.8430, 52.3354,
60.6507

■ 153.8350, 37.5493,
43.1177

■ 108.5480, 59.8758,
68.8024

■ 169.1300, 30.0089,
34.9660

■ 93.5520, 67.2689,
77.5689

■ 184.1260, 22.6159,
26.1995

■ 79.1430, 74.3725,
85.8206

■ 199.1220, 15.2229,
17.4330

214.1180, 7.8298,
8.6665

229.4130, 0.2894,
0.5148

244.4090, -7.1036,
-8.2517

247.6650, -8.7088,
-6.7222

249.4590, -9.5933,
-3.0335

Harmonies

Analogous

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



123.6300, 64.7654, -53.1725



138.8390, 44.9424, 51.8842



121.9210, 20.7449, 113.2023

Triad

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



138.8390, 44.9424, 51.8842



129.5760, -63.8810, 49.4838



119.7060, 32.1899, -104.9822

Complementary

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



138.8390, 44.9424, 51.8842



182.1610, -44.9424, -51.8842

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.



110.6830, 0.1563, -97.0690



138.8390, 44.9424, 51.8842



123.6420, -60.9555, -2.3170

Square

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



138.8390, 44.9424, 51.8842



126.1360, -52.8180, 94.5967



98.0410, -33.0512, -85.9820



125.0130, 60.1396, -109.6364

Rectangle

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



138.8390, 44.9424, 51.8842



113.5360, 1.2148, 124.0639



98.0410, -33.0512, -85.9820



116.9700, 21.7068, -102.5827

Sweetspot

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



138.8390, 44.9424, 51.8842



224.7090, 14.9335, 16.9182



125.6300, 51.4544, -30.3705



108.8840, 9.4242, 10.6257



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.



138.8390, 44.9424, 51.8842



132.9610, 60.1652, 69.3172



144.1890, 24.0638, 75.2562



107.0590, 3.9149, 4.3333



61.3690, 57.9921, 66.3284



17.4750, 16.5278, 18.8774

Inverse Universe

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



136.2090, -6.5120, 82.2547



129.5160, -8.6354, 110.0495



176.8110, -24.0638, -75.2562



106.9300, -0.4585, 7.0774



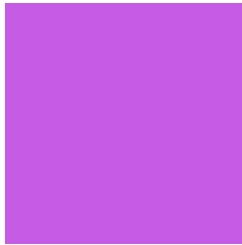
58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 138.8390, 44.9424, 51.8842 looks on a white background.

Color Contrast Check

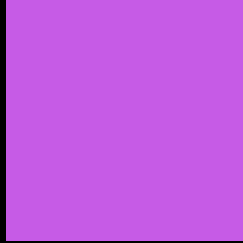
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8390, 44.9424, 51.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

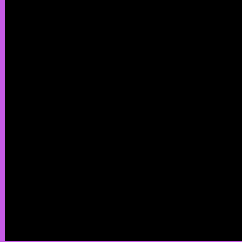
Any Text WCAG AA ✓ Pass

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 138.8390, 44.9424, 51.8842 Background



This preview shows how black text looks on a background with the YUV color 138.8390, 44.9424, 51.8842.



This preview shows how white text looks on a background with the YUV color 138.8390, 44.9424, 51.8842.

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

138.8390, 44.9424, 51.8842

Protanopia

129.8540, 61.6970, -48.9840

Deuteranopia

132.8110, 43.4772, -38.4222



Tritanopia

140.1620, -5.5029, 38.4459

Trichromacy



Original Color

138.8390, 44.9424, 51.8842



Protanomaly

132.8910, 55.7627, -12.1824



Deuteranomaly

135.1340, 43.8109, -5.3795



Tritanomaly

139.4180, 13.1049, 43.4834

Monochromacy



Original Color

138.8390, 44.9424, 51.8842



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.0620, 16.2384, 18.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8390, 44.9424, 51.8842 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(198, 91, 230)` looks like.

```
.text, #text, p{  
    color:rgb(198, 91, 230)  
}
```

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(198, 91, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 91, 230) }
```

Border

The CSS property to change the border of an element to YUV 138.8390, 44.9424, 51.8842 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(198, 91, 230) }
```


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

```
.border{ border-color:rgb(198, 91, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 91, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 91, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 91, 230);  
box-shadow:4px 4px 4px 4px rgb(198, 91,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 138.8390, 44.9424, 51.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 91, 230) }
```

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

```
.background{ background-color: rgb(198, 91,  
230) }
```

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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