

Converting Colors

YUV(134.9110, 59.2039,
50.9441)

Have a look what the booklet for
YUV(134.9110, 59.2039, 50.9441)
contains.

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Color

**YUV(134.9110, 59.2039,
50.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	C152FF
RGB	193, 82, 255
RGB Percent	76%, 32%, 100%
CMY	0.2431, 0.6784, 0.0000
CMYK	0.24, 0.68, 0.00, 0.00
HSL	278°, 100%, 66%
HSV	278°, 68%, 100%
XYZ	43.0596, 24.5920, 97.0850
YIQ	134.9110, 10.6230, 77.3350

Conversions

Conversions Part 2

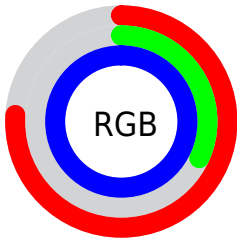
Format	Color
R _{YB}	193, 82, 255
Decimal	12669695
CIE Lab	56.68, 70.76, -67.20
CIE LCh	57, 97.579, 316.479
Yxy	24.5920, 0.2614, 0.1493
Android (android.graphics.Color)	4290859775 (0xFFC152FF)
YUV	134.9110, 59.2039, 50.9441
Hunter-Lab	49.5904, 68.2095, -81.3611

Details

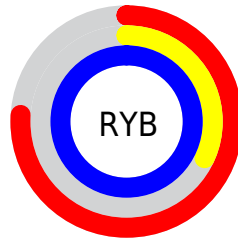
The YUV color **134.9110, 59.2039, 50.9441** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **202.0890, -59.2039, -50.9441**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3100, 33.8642, 58.4871**, and **68.9810, 63.1134, 57.0217** is the 20% darker color. If you saturate the color by 10%, you get **117.5450, 67.7653, 58.2810**, and if you desaturate by 10%, it is **152.2770, 50.6424, 43.6071**.

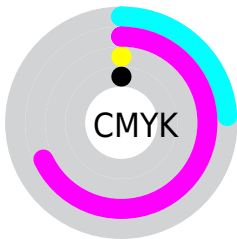
Distribution



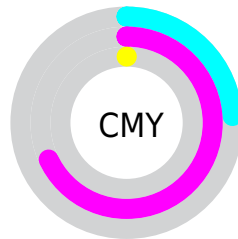
- Red (76%)
- Green (32%)
- Blue (100%)



- Red (76%)
- Yellow (32%)
- Blue (100%)



- Cyan (24%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.9110, 59.2039, 50.9441 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 134.9110, 59.2039, 50.9441 by changing the saturation by 10% instead.

134.9110, 59.2039,
50.9441

134.9110, 59.2039,
50.9441

255.0000, 0.0000,
0.0000

105.0250, 59.6407,
50.8441

186.3100, 33.8642,
58.4871

68.9810, 63.1134,
57.0217

203.3440, 25.4664,
45.3023

50.6610, 58.3411,
47.6553

220.3670, 17.0741,
30.3731

38.6130, 50.9698,
31.9114

237.3900, 8.6817,
15.4440

26.3800, 44.1827,
15.4527

10.8580, 39.0170,
-7.7685

7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 134.9110, 59.2039,
50.9441

■ 134.9110, 59.2039,
50.9441

■ 117.5450, 67.7653,
58.2810

■ 152.2770, 50.6424,
43.6071

■ 99.5920, 76.6161,
66.1328

■ 170.2300, 41.7916,
35.7553

■ 82.2260, 85.1776,
73.4698

■ 188.1830, 32.9408,
27.9035

■ 78.1060, 87.2087,
75.3290

■ 205.8480, 24.2319,
21.1813

■ 223.8010, 15.3811,
13.3295

■ 241.1670, 6.8197,
5.9925

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.



105.9670, 73.4733, -92.9331



134.9110, 59.2039, 50.9441



96.5370, 40.1613, 138.9721

Triad

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



134.9110, 59.2039, 50.9441



128.1690, -63.1873, 60.3648



120.5380, 30.3008, -105.7118

Complementary

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



134.9110, 59.2039, 50.9441



202.0890, -59.2039, -50.9441

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.



109.2180, -7.9955, -95.7842



134.9110, 59.2039, 50.9441



122.7670, -60.5241, -0.6727

Square

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



134.9110, 59.2039, 50.9441



114.3780, -56.3884, 119.8175



94.5070, -46.5920, -82.8826



127.6860, 62.7658, -111.9806

Rectangle

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



134.9110, 59.2039, 50.9441



90.1530, 15.7006, 144.5708



94.5070, -46.5920, -82.8826



117.2320, 17.6336, -102.8125

Sweetspot

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



134.9110, 59.2039, 50.9441



219.6810, 17.4123, 15.1888



138.7030, 57.3344, -49.7285



106.5140, 10.5926, 9.1962



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.



134.9110, 59.2039, 50.9441



111.3650, 70.8121, 61.0699



150.8270, 40.0183, 91.3597



118.8740, 4.4991, 3.6185



58.5510, 65.2974, 56.5218



19.5550, 21.9114, 18.8073

Inverse Universe

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



140.7950, 1.5801, 100.1578



118.3290, 1.8098, 119.8605



186.1730, -40.0183, -91.3597



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 134.9110, 59.2039, 50.9441 looks on a white background.

Color Contrast Check

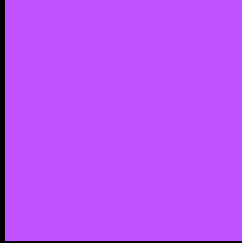
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9110, 59.2039, 50.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

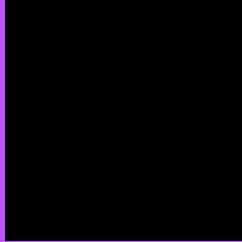
Any Text WCAG AA ✓ Pass

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 134.9110, 59.2039, 50.9441 Background



This preview shows how black text looks on a background with the YUV color 134.9110, 59.2039, 50.9441.



This preview shows how white text looks on a background with the YUV color 134.9110, 59.2039, 50.9441.

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

134.9110, 59.2039, 50.9441

Protanopia

126.8860, 63.1602, -51.6430

Deuteranopia

115.6990, 63.2524, -81.2970



Tritanopia

138.2750, -3.5866, 30.4538

Trichromacy



Original Color

134.9110, 59.2039, 50.9441



Protanomaly

129.7750, 61.7359, -14.7117



Deuteranomaly

122.9530, 61.6482, -33.2848



Tritanomaly

136.6930, 19.3784, 37.9802

Monochromacy



Original Color

134.9110, 59.2039, 50.9441



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.1420, 21.6220, 18.2925

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9110, 59.2039, 50.9441 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(193, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 82, 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(193, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 82, 255) }
```

Border

The CSS property to change the border of an element to YUV 134.9110, 59.2039, 50.9441 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(193, 82, 255) }
```


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

```
.border{ border-color:rgb(193, 82, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 82, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 82,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 134.9110, 59.2039, 50.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 82, 255) }
```

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

```
.background{ background-color: rgb(193, 82,  
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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