

Converting Colors

YUV(154.9350, 49.3320,
43.9070)

Have a look what the booklet for
YUV(154.9350, 49.3320, 43.9070)
contains.

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Color

**YUV(154.9350, 49.3320,
43.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6EFF
RGB	205, 110, 255
RGB Percent	80%, 43%, 100%
CMY	0.1961, 0.5686, 0.0000
CMYK	0.20, 0.57, 0.00, 0.00
HSL	279°, 100%, 72%
HSV	279°, 57%, 100%
XYZ	48.8028, 31.3510, 98.0869
YIQ	154.9350, 10.0750, 65.2350

Conversions

Conversions Part 2

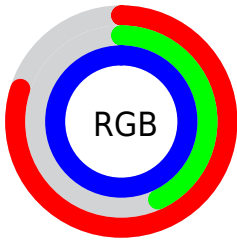
Format	Color
R _Y B	205, 110, 255
Decimal	13463295
CIE Lab	62.80, 60.71, -57.29
CIE LCh	63, 83.476, 316.661
Yxy	31.3510, 0.2738, 0.1759
Android (android.graphics.Color)	4291653375 (0xFFCD6EFF)
YUV	154.9350, 49.3320, 43.9070
Hunter-Lab	55.9920, 57.5952, -64.6700

Details

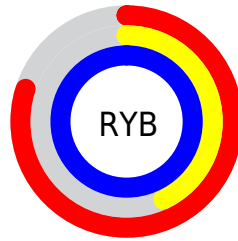
The YUV color **154.9350, 49.3320, 43.9070** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **210.0650, -49.3320, -43.9070**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **98.6960, 48.4639, 42.3626** is the 20% darker color. If you saturate the color by 10%, you get **137.5690, 57.8935, 51.2440**, and if you desaturate by 10%, it is **172.8880, 40.4812, 36.0552**.

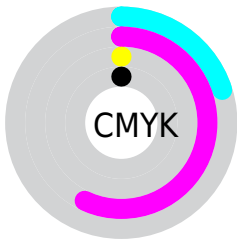
Distribution



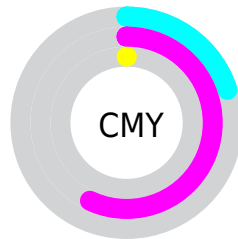
- Red (80%)
- Green (43%)
- Blue (100%)



- Red (80%)
- Yellow (43%)
- Blue (100%)



- Cyan (20%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.9350, 49.3320, 43.9070 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 154.9350, 49.3320, 43.9070 by changing the saturation by 10% instead.

 154.9350, 49.3320,
43.9070


 154.9350, 49.3320,
43.9070


255.0000, 0.0000,
0.0000

 127.1090, 48.7533,
42.8774


 202.1700, 26.0452,
46.3319

 98.6960, 48.4639,
42.3626


 218.6060, 17.9422,
31.9175


 69.0490, 49.7688,
43.8070

 235.6290, 9.5499,
16.9884

 43.5110, 49.0481,
41.6479

 253.2390, 0.8682,
1.5444

 32.0610, 41.3819,
27.1335

 20.8390, 34.5894,
12.4192

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 154.9350, 49.3320,
43.9070

■ 154.9350, 49.3320,
43.9070

■ 137.5690, 57.8935,
51.2440

■ 172.8880, 40.4812,
36.0552

■ 119.6160, 66.7443,
59.0958

■ 190.2540, 31.9198,
28.7182

■ 101.9620, 75.4477,
67.5623

■ 207.9080, 23.2164,
20.2517

■ 84.5960, 84.0092,
74.8993

■ 225.2740, 14.6549,
12.9147

■ 79.0030, 86.7665,
77.1734

■ 243.2270, 5.8041,
5.0629

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.



127.0200, 63.0941, -77.1935



154.9350, 49.3320, 43.9070



138.1800, 24.5613, 102.4511

Triad

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



154.9350, 49.3320, 43.9070



143.2090, -70.6020, 58.5757



130.0100, 31.0541, -114.0188

Complementary

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



154.9350, 49.3320, 43.9070



210.0650, -49.3320, -43.9070

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.



119.9440, -2.4374, -105.1909



154.9350, 49.3320, 43.9070



137.8620, -67.9660, 6.2600

Square

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



154.9350, 49.3320, 43.9070



140.3200, -48.4718, 100.5744



118.1480, -41.9780, -69.4128



135.9040, 58.7143, -119.1878

Rectangle

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



154.9350, 49.3320, 43.9070



126.7240, 6.0521, 112.4981



118.1480, -41.9780, -69.4128



127.0460, 19.6973, -111.4193

Sweetspot

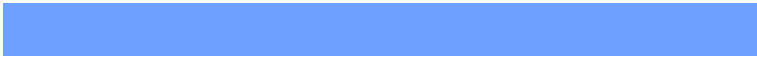
The Sweet Spot groups the original color and five complimentary colors.



154.9350, 49.3320, 43.9070



225.2740, 14.6549, 12.9147



156.4670, 48.5768, -40.7516



110.0470, 8.8508, 7.8518



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.



154.9350, 49.3320, 43.9070



135.5090, 58.9091, 52.1736



167.3770, 32.3521, 76.8454



118.8740, 4.4991, 3.6185



59.1490, 65.0025, 57.7513



19.8540, 21.7640, 19.4220

Inverse Universe

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



159.0550, 0.4659, 84.1438



140.4530, 0.2697, 100.4577



197.6230, -32.3521, -76.8454



119.3430, -0.1691, 7.5922



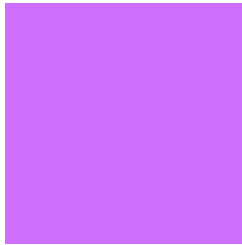
64.6330, 0.6739, 110.8239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 154.9350, 49.3320, 43.9070 looks on a white background.

Color Contrast Check

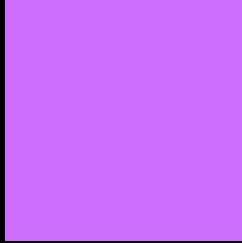
Large Text (above 18pt) WCAG AA × Fail

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 154.9350, 49.3320, 43.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

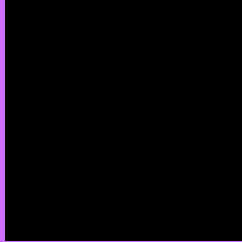
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9350, 49.3320, 43.9070

Background



This preview shows how black text looks on a background with the YUV color 154.9350, 49.3320, 43.9070.



This preview shows how white text looks on a background with the YUV color 154.9350, 49.3320,

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

154.9350, 49.3320, 43.9070

Protanopia

148.2270, 52.6391, -37.0331

Deuteranopia

146.3740, 49.6086, -45.0550



Tritanopia

154.2040, -2.5656, 29.6391

Trichromacy



Original Color

154.9350, 49.3320, 43.9070



Protanomaly

150.7730, 51.3839, -7.6939



Deuteranomaly

149.2840, 49.6530, -12.5271



Tritanomaly

154.5740, 16.4790, 34.5766

Monochromacy



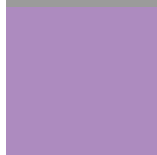
Original Color

154.9350, 49.3320, 43.9070



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.0940, 17.7017, 15.7036

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9350, 49.3320, 43.9070 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(205, 110, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 110, 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(205, 110, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 110, 255) }
```

Border

The CSS property to change the border of an element to YUV 154.9350, 49.3320, 43.9070 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(205, 110, 255) }
```


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

```
.border{ border-color:rgb(205, 110, 255) }
```

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

Here you see how a box with a 4 pixel rgb(205, 110, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 110, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 110, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 110,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 154.9350, 49.3320, 43.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 110, 255) }
```

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

```
.background{ background-color: rgb(205,  
110, 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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