

Converting Colors

YUV(151.4350, 51.0575,
50.4845)

Have a look what the booklet for
YUV(151.4350, 51.0575, 50.4845)
contains.

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Color

**YUV(151.4350, 51.0575,
50.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	D166FF
RGB	209, 102, 255
RGB Percent	82%, 40%, 100%
CMY	0.1804, 0.6000, 0.0000
CMYK	0.18, 0.60, 0.00, 0.00
HSL	282°, 100%, 70%
HSV	282°, 60%, 100%
XYZ	49.0959, 30.2781, 97.8644
YIQ	151.4350, 14.6590, 70.2670

Conversions

Conversions Part 2

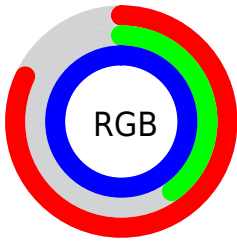
Format	Color
R _{YB}	209, 102, 255
Decimal	13723391
CIE _{Lab}	61.89, 65.43, -58.71
CIE _{LCh}	62, 87.913, 318.098
Yxy	30.2781, 0.2770, 0.1708
Android (android.graphics.Color)	4291913471 (0xFFD166FF)
YUV	151.4350, 51.0575, 50.4845
Hunter-Lab	55.0255, 62.9700, -66.9310

Details

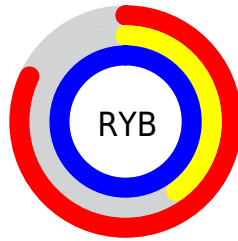
The YUV color **151.4350, 51.0575, 50.4845** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **205.5650, -51.0575, -50.4845**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0610, 28.0709, 49.9355**, and **93.4350, 51.0575, 50.4845** is the 20% darker color. If you saturate the color by 10%, you get **134.3680, 59.4716, 58.4363**, and if you desaturate by 10%, it is **169.0890, 42.3541, 42.0179**.

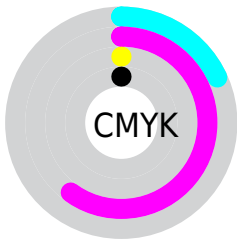
Distribution



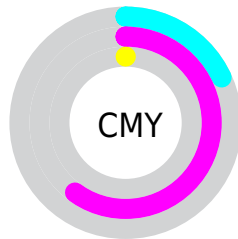
- Red (82%)
- Green (40%)
- Blue (100%)



- Red (82%)
- Yellow (40%)
- Blue (100%)



- Cyan (18%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.4350, 51.0575, 50.4845 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 151.4350, 51.0575, 50.4845 by changing the saturation by 10% instead.


 151.4350, 51.0575,
50.4845

 151.4350, 51.0575,
50.4845


255.0000, 0.0000,
0.0000


 123.0220, 50.7682,
49.9697


 198.0610, 28.0709,
49.9355


 93.4350, 51.0575,
50.4845


 214.4970, 19.9680,
35.5211


 55.8580, 56.2720,
58.0065

 231.5200, 11.5756,
20.5920

 44.2940, 48.1691,
43.5922

 249.1300, 2.8939,
5.1480

 32.6590, 41.0871,
28.3631

 21.7360, 34.1472,
14.2635

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 151.4350, 51.0575,
50.4845

■ 151.4350, 51.0575,
50.4845

■ 134.3680, 59.4716,
58.4363

■ 169.0890, 42.3541,
42.0179

■ 117.0130, 68.0276,
67.5176

■ 185.8570, 34.0875,
33.4514

■ 99.3590, 76.7310,
75.9842

■ 203.5110, 25.3841,
24.9849

■ 82.2920, 85.1450,
83.9359

■ 220.5780, 16.9700,
17.0331

237.9330, 8.4140,
7.9518

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.



121.6820, 65.7258, -81.2821



151.4350, 51.0575, 50.4845



128.3320, 27.4443, 111.0878

Triad

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



151.4350, 51.0575, 50.4845



140.8390, -69.4336, 57.1462



129.7650, 32.6539, -113.8039

Complementary

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



151.4350, 51.0575, 50.4845



205.5650, -51.0575, -50.4845

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.



119.3570, -2.1480, -104.6761



151.4350, 51.0575, 50.4845



134.8830, -66.4973, 1.8566

Square

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



151.4350, 51.0575, 50.4845



135.6750, -53.5768, 104.6480



104.7600, -40.3077, -91.8745



134.7300, 59.2931, -118.1582

Rectangle

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



151.4350, 51.0575, 50.4845



114.7730, 8.4929, 122.9791



104.7600, -40.3077, -91.8745



126.6870, 20.8603, -111.1045

Sweetspot

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



151.4350, 51.0575, 50.4845



223.8120, 15.3757, 15.0739



147.6180, 52.9393, -40.0070



108.2860, 9.7190, 9.3962



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.



151.4350, 51.0575, 50.4845



130.5470, 61.3553, 60.9103



161.9970, 32.0465, 81.5636



119.1730, 4.3517, 4.2333



61.8400, 63.6759, 63.2843



20.7510, 21.3218, 21.2664

Inverse Universe

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



152.9910, -2.4606, 89.4619



132.4000, -2.6622, 107.5202



195.0030, -32.0465, -81.5636



119.3430, -0.1691, 7.5922



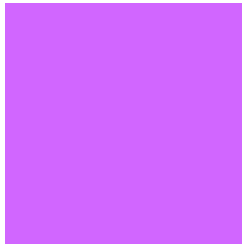
63.6070, -3.2573, 111.7237



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 151.4350, 51.0575, 50.4845 looks on a white background.

Color Contrast Check

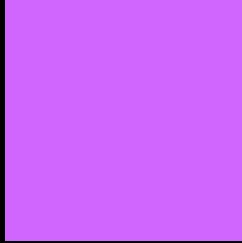
Large Text (above 18pt) WCAG AA × Fail

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 151.4350, 51.0575, 50.4845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

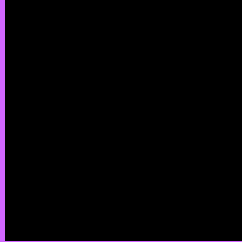
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.4350, 51.0575, 50.4845

Background



This preview shows how black text looks on a background with the YUV color 151.4350, 51.0575, 50.4845.



This preview shows how white text looks on a background with the YUV color 151.4350, 51.0575,

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

151.4350, 51.0575, 50.4845

Protanopia

144.9710, 54.2443, -38.5626

Deuteranopia

142.7050, 50.9244, -47.0993



Tritanopia

151.7810, -4.3290, 35.2721

Trichromacy



Original Color

151.4350, 51.0575, 50.4845



Protanomaly

147.2400, 53.1257, -6.3495



Deuteranomaly

146.2240, 50.6686, -11.5974



Tritanomaly

151.7920, 15.8785, 40.5244

Monochromacy



Original Color

151.4350, 51.0575, 50.4845



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0450, 18.7118, 18.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4350, 51.0575, 50.4845 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(209, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 102, 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(209, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 102, 255) }
```

Border

The CSS property to change the border of an element to YUV 151.4350, 51.0575, 50.4845 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(209, 102, 255) }
```


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

```
.border{ border-color:rgb(209, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 102,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 151.4350, 51.0575, 50.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 102, 255) }
```

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

```
.background{ background-color: rgb(209,  
102, 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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