

Converting Colors

YUV(151.4860, 43.6374,
50.4398)

Have a look what the booklet for
YUV(151.4860, 43.6374, 50.4398)
contains.

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Color

**YUV(151.4860, 43.6374,
50.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	D169F0
RGB	209, 105, 240
RGB Percent	82%, 41%, 94%
CMY	0.1804, 0.5882, 0.0588
CMYK	0.13, 0.56, 0.00, 0.06
HSL	286°, 82%, 68%
HSV	286°, 56%, 94%
XYZ	47.0742, 29.9497, 85.7379
YIQ	151.4860, 18.6490, 64.0330

Conversions

Conversions Part 2

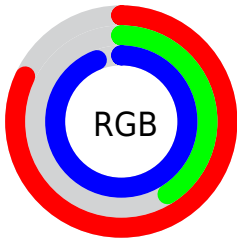
Format	Color
R _Y B	209, 105, 240
Decimal	13724144
CIE Lab	61.61, 61.07, -50.87
CIE LCh	62, 79.481, 320.202
Yxy	29.9497, 0.2892, 0.1840
Android (android.graphics.Color)	4291914224 (0xFFD169F0)
YUV	151.4860, 43.6374, 50.4398
Hunter-Lab	54.7263, 57.7702, -54.5791

Details

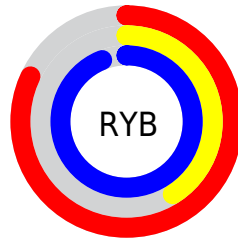
The YUV color **151.4860, 43.6374, 50.4398** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **193.5140, -43.6374, -50.4398**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **94.7740, 43.4954, 49.3102** is the 20% darker color. If you saturate the color by 10%, you get **135.6040, 51.4672, 59.1063**, and if you desaturate by 10%, it is **167.3680, 35.8076, 41.7733**.

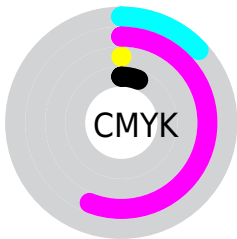
Distribution



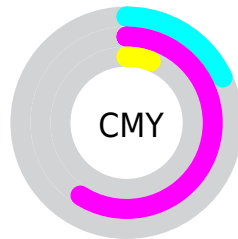
- Red (82%)
- Green (41%)
- Blue (94%)



- Red (82%)
- Yellow (41%)
- Blue (94%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)
- Black (6%)





- Cyan (18%)
- Magenta (59%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4860, 43.6374, 50.4398 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 151.4860, 43.6374, 50.4398 by changing the saturation by 10% instead.


 151.4860, 43.6374,
50.4398


 151.4860, 43.6374,
50.4398


255.0000, 0.0000,
0.0000


 123.6600, 43.0586,
49.4102


 199.2350, 27.4921,
48.9059

 94.7740, 43.4954,
49.3102


 216.2580, 19.0998,
33.9767


 62.1920, 46.2473,
53.3286

 232.6940, 10.9969,
19.5624

 43.4100, 42.1959,
46.1214

 250.3040, 2.3151,
4.1184

 32.1880, 35.4033,
31.4071

 21.8630, 28.1685,
18.5371

 8.0640, 23.1394,

-1.8101

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 151.4860, 43.6374,
50.4398

■ 151.4860, 43.6374,
50.4398

■ 135.6040, 51.4672,
59.1063

■ 167.3680, 35.8076,
41.7733

■ 120.0210, 59.1496,
68.3876

■ 182.9510, 28.1252,
32.4920

■ 104.1390, 66.9795,
77.0541

■ 198.8330, 20.2953,
23.8255

■ 88.5560, 74.6619,
86.3354

■ 214.4160, 12.6129,
14.5442

82.6750, 77.5612,
89.7390

230.2980, 4.7831,
5.8777

245.8810, -2.8993,
-3.4036

251.1970, -5.5201,
-2.8038

252.6920, -6.2572,
0.2701

253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



136.9640, 58.1917, -44.6954



151.4860, 43.6374, 50.4398



137.2850, 18.5935, 103.2361

Triad

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



151.4860, 43.6374, 50.4398



139.6210, -68.8332, 51.1984



128.0040, 33.5220, -112.2595

Complementary

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



151.4860, 43.6374, 50.4398



193.5140, -43.6374, -50.4398

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.



118.5080, 2.2146, -103.9315



151.4860, 43.6374, 50.4398



133.9860, -66.0551, 0.0123

Square

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



151.4860, 43.6374, 50.4398



139.4070, -50.4867, 93.4821



110.9210, -31.0201, -84.1227



132.3820, 60.4507, -116.0990

Rectangle

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



151.4860, 43.6374, 50.4398



128.9920, -0.4891, 110.5090



110.9210, -31.0201, -84.1227



125.2680, 23.0389, -109.8600

Sweetspot

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



151.4860, 43.6374, 50.4398



226.7690, 13.9179, 15.9886



139.1740, 49.7072, -29.9706



110.9440, 8.4086, 9.6961



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.



151.4860, 43.6374, 50.4398



141.4890, 55.9609, 64.4691



156.6510, 23.3431, 73.0971



112.0590, 3.9149, 4.3333



63.1350, 59.5864, 68.2876



19.2410, 18.1222, 20.8366

Inverse Universe

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



148.8990, -6.3592, 79.8956



138.1730, -8.4663, 102.4573



188.3490, -23.3431, -73.0971



111.9300, -0.4585, 7.0774



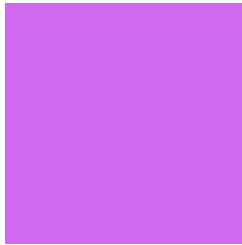
59.8040, -8.7774, 108.9199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 151.4860, 43.6374, 50.4398 looks on a white background.

Color Contrast Check

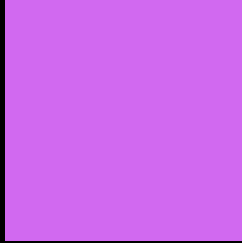
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.4860, 43.6374, 50.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

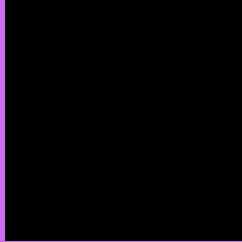
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.4860, 43.6374, 50.4398

Background



This preview shows how black text looks on a background with the YUV color 151.4860, 43.6374, 50.4398.



This preview shows how white text looks on a background with the YUV color 151.4860, 43.6374, 50.4398.

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

151.4860, 43.6374, 50.4398

Protanopia

144.9710, 54.2443, -38.5626

Deuteranopia

145.6050, 42.5927, -34.7336



Tritanopia

151.2760, -5.0661, 38.3459

Trichromacy



Original Color

151.4860, 43.6374, 50.4398



Protanomaly

147.2570, 50.6523, -6.3644



Deuteranomaly

147.6180, 43.0793, -4.0500



Tritanomaly

151.5920, 12.5261, 42.4538

Monochromacy



Original Color

151.4860, 43.6374, 50.4398



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9480, 15.8016, 18.4626

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4860, 43.6374, 50.4398 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, 105, 240)` looks like.

```
.text, #text, p{  
    color:rgb(209, 105, 240)  
}
```

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, 105, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 105, 240) }
```

Border

The CSS property to change the border of an element to YUV 151.4860, 43.6374, 50.4398 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, 105, 240) }
```


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

```
.border{ border-color:rgb(209, 105, 240) }
```

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

Here you see how a box with a 4 pixel rgb(209, 105, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 105, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 105, 240);  
box-shadow:4px 4px 4px 4px rgb(209, 105,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 151.4860, 43.6374, 50.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 105, 240) }
```

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

```
.background{ background-color: rgb(209,  
105, 240) }
```

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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