

Converting Colors

YUV(149.0350, 44.3527,
54.3433)

Have a look what the booklet for
YUV(149.0350, 44.3527, 54.3433)
contains.

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Color

**YUV(149.0350, 44.3527,
54.3433)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D364EF |
| RGB | 211, 100, 239 |
| RGB Percent | 83%, 39%, 94% |
| CMY | 0.1725, 0.6078, 0.0627 |
| CMYK | 0.12, 0.58, 0.00, 0.06 |
| HSL | 288°, 81%, 66% |
| HSV | 288°, 58%, 94% |
| XYZ | 47.0011, 29.1952, 84.8194 |
| YIQ | 149.0350, 21.5370, 66.7610 |

Conversions

Conversions Part 2

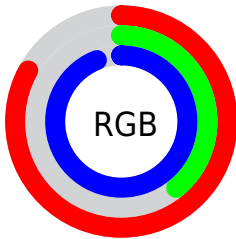
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 100, 239 |
| Decimal | 13853935 |
| CIE Lab | 60.95, 63.69, -51.35 |
| CIE LCh | 61, 81.813, 321.127 |
| Yxy | 29.1952, 0.2919, 0.1813 |
| Android (android.graphics.Color) | 4292044015 (0xFFD364EF) |
| YUV | 149.0350, 44.3527, 54.3433 |
| Hunter-Lab | 54.0326, 60.7140, -55.2495 |

Details

The YUV color **149.0350, 44.3527, 54.3433** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **189.9650, -44.3527, -54.3433**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8870, 28.6497, 50.9651**, and **91.1490, 44.7895, 54.2433** is the 20% darker color. If you saturate the color by 10%, you get **133.4520, 52.0352, 63.6246**, and if you desaturate by 10%, it is **164.6180, 36.6703, 45.0620**.

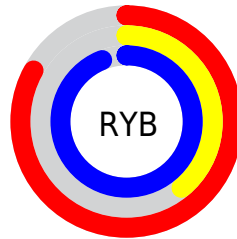
Distribution



Red (83%)

Green (39%)

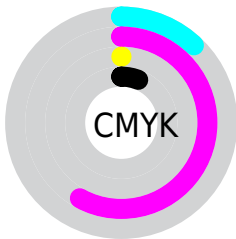
Blue (94%)



Red (83%)

Yellow (39%)

Blue (94%)

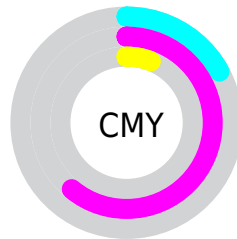


Cyan (12%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (17%)


Magenta (61%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.0350, 44.3527, 54.3433 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 149.0350, 44.3527, 54.3433 by changing the saturation by 10% instead.


 149.0350, 44.3527,
54.3433


 149.0350, 44.3527,
54.3433


255.0000, 0.0000,
0.0000


 120.6220, 44.0634,
53.8285

 196.8870, 28.6497,
50.9651

 91.1490, 44.7895,
54.2433


 213.3230, 20.5468,
36.5507


 55.0450, 49.2778,
61.3505

 230.3460, 12.1544,
21.6216

 43.5950, 41.6117,
46.8362

 247.3690, 3.7621,
6.6924

 32.6720, 34.6717,
32.7367

 22.3470, 27.4369,
19.8667

 8.5480, 22.4078,

-0.4806

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 149.0350, 44.3527,
54.3433

■ 149.0350, 44.3527,
54.3433

■ 133.4520, 52.0352,
63.6246

■ 164.6180, 36.6703,
45.0620

■ 117.8690, 59.7176,
72.9059

■ 180.2010, 28.9879,
35.7807

■ 102.5850, 67.2526,
82.8020

■ 195.4850, 21.4529,
25.8847

■ 87.0020, 74.9350,
92.0832

■ 211.0680, 13.7705,
16.6034

84.3550, 76.2400,
93.5277

226.0640, 6.3774,
7.8369

241.6470, -1.3050,
-1.4444

250.1860, -5.5147,
-4.5481

251.6810, -6.2517,
-1.4742

252.8770, -6.8414,
0.9849

Harmonies

Analogous

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



135.2030, 59.0599, -43.1510



149.0350, 44.3527, 54.3433



132.2470, 19.5982, 107.6544

Triad

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



149.0350, 44.3527, 54.3433



138.1370, -68.1015, 49.8689



127.5310, 34.2482, -111.8447

Complementary

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



149.0350, 44.3527, 54.3433



189.9650, -44.3527, -54.3433

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.



117.8070, 2.0671, -103.3167



149.0350, 44.3527, 54.3433



131.9040, -65.0287, -2.5468

Square

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



149.0350, 44.3527, 54.3433



136.9080, -53.6916, 94.7967



105.5070, -29.8300, -92.5296



131.7950, 60.7401, -115.5842

Rectangle

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



149.0350, 44.3527, 54.3433



123.8400, 0.0789, 115.0273



105.5070, -29.8300, -92.5296



124.7950, 23.7651, -109.4452

Sweetspot

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



149.0350, 44.3527, 54.3433



227.0680, 13.7705, 16.6034



133.4560, 52.0332, -29.3409



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.



149.0350, 44.3527, 54.3433



139.7500, 56.8182, 69.5023



152.9610, 23.1902, 75.4562



112.0590, 3.9149, 4.3333



64.9290, 58.7020, 71.9763



19.8390, 17.8274, 22.0662

Inverse Universe

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



144.7530, -8.2592, 82.6546



134.2120, -10.9505, 105.9311



186.0390, -23.1902, -75.4562



111.8160, -0.8953, 7.1774



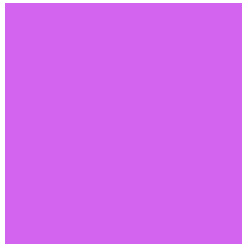
59.2340, -10.9614, 109.4198



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 149.0350, 44.3527, 54.3433 looks on a white background.

Color Contrast Check

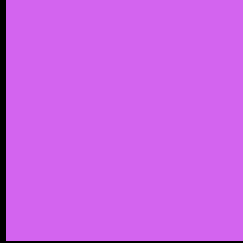
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0350, 44.3527, 54.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

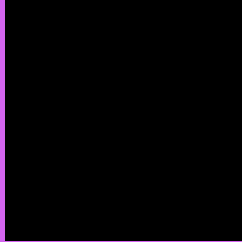
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0350, 44.3527, 54.3433

Background



This preview shows how black text looks on a background with the YUV color 149.0350, 44.3527, 54.3433.



This preview shows how white text looks on a background with the YUV color 149.0350, 44.3527, 54.3433.

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

149.0350, 44.3527, 54.3433

Protanopia

142.6010, 55.4127, -39.9921

Deuteranopia

143.3060, 42.7401, -35.3484



Tritanopia

149.6570, -6.2399, 41.5198

Trichromacy



Original Color

149.0350, 44.3527, 54.3433



Protanomaly

144.7840, 51.3785, -5.9496



Deuteranomaly

145.3300, 43.2213, -2.9204



Tritanomaly

149.5000, 12.0785, 46.0425

Monochromacy



Original Color

149.0350, 44.3527, 54.3433



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.0730, 16.2330, 20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0350, 44.3527, 54.3433 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(211, 100, 239)` looks like.

```
.text, #text, p{  
    color:rgb(211, 100, 239)  
}
```

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(211, 100, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 100, 239) }
```

Border

The CSS property to change the border of an element to YUV 149.0350, 44.3527, 54.3433 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(211, 100, 239) }
```


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

```
.border{ border-color:rgb(211, 100, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 100, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 100, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 100, 239);  
box-shadow:4px 4px 4px 4px rgb(211, 100,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 149.0350, 44.3527, 54.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 100, 239) }
```

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

```
.background{ background-color: rgb(211,  
100, 239) }
```

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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