

Converting Colors

YUV(148.4940, 51.5215,
41.6628)

Have a look what the booklet for
YUV(148.4940, 51.5215, 41.6628)
contains.

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Color

**YUV(148.4940, 51.5215,
41.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	C468FD
RGB	196, 104, 253
RGB Percent	77%, 41%, 99%
CMY	0.2314, 0.5922, 0.0078
CMYK	0.23, 0.59, 0.00, 0.01
HSL	277°, 97%, 70%
HSV	277°, 59%, 99%
XYZ	45.4449, 28.7282, 96.0784
YIQ	148.4940, 7.0030, 65.8430

Conversions

Conversions Part 2

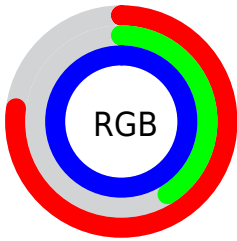
Format	Color
R _Y B	196, 104, 253
Decimal	12871933
CIE Lab	60.54, 61.06, -59.86
CIE LCh	61, 85.510, 315.567
Yxy	28.7282, 0.2669, 0.1687
Android (android.graphics.Color)	4291062013 (0xFFC468FD)
YUV	148.4940, 51.5215, 41.6628
Hunter-Lab	53.5987, 57.5474, -68.7612

Details

The YUV color **148.4940, 51.5215, 41.6628** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **208.5060, -51.5215, -41.6628**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **92.2550, 50.6533, 40.1184** is the 20% darker color. If you saturate the color by 10%, you get **130.8290, 60.2303, 48.3850**, and if you desaturate by 10%, it is **166.1590, 42.8126, 34.9406**.

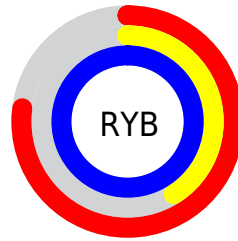
Distribution



Red (77%)

Green (41%)

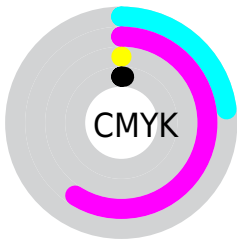
Blue (99%)



Red (77%)

Yellow (41%)

Blue (99%)

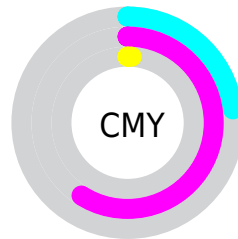


Cyan (23%)

Magenta (59%)

Yellow (0%)

Black (1%)



Cyan (23%)

Magenta (59%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.4940, 51.5215, 41.6628 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 148.4940, 51.5215, 41.6628 by changing the saturation by 10% instead.


 148.4940, 51.5215,
41.6628


 148.4940, 51.5215,
41.6628


255.0000, 0.0000,
0.0000


 120.6680, 50.9427,
40.6332


 198.6480, 27.7815,
49.4207


 92.2550, 50.6533,
40.1184


 215.0840, 19.6786,
35.0063


 60.8470, 52.8264,
43.1072

 232.1070, 11.2862,
20.0772

 40.5920, 49.5011,
36.3148

 249.1300, 2.8939,
5.1480

 28.5440, 42.1298,
20.5709

 17.3220, 35.3373,
5.8566

 7.4100, 28.3919,

-6.4986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 148.4940, 51.5215,
41.6628

■ 148.4940, 51.5215,
41.6628

■ 130.8290, 60.2303,
48.3850

■ 166.1590, 42.8126,
34.9406

■ 112.8760, 69.0811,
56.2367

■ 184.1120, 33.9618,
27.0888

■ 95.2110, 77.7900,
62.9590

■ 201.7770, 25.2529,
20.3666

■ 77.5460, 86.4988,
69.6812

■ 219.4420, 16.5441,
13.6444

■ 75.4860, 87.5144,
70.6108

■ 237.3950, 7.6933,
5.7926

254.4730, -0.7262,
-0.4148

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



112.4240, 70.2900, -98.5958



148.4940, 51.5215, 41.6628



130.9080, 27.1604, 108.8287

Triad

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



148.4940, 51.5215, 41.6628



137.3170, -67.6973, 60.2350



126.1630, 29.0066, -110.6450

Complementary

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



148.4940, 51.5215, 41.6628



208.5060, -51.5215, -41.6628

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.



115.3960, -4.6322, -101.2023



148.4940, 51.5215, 41.6628



132.8450, -65.4926, 6.2749

Square

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



148.4940, 51.5215, 41.6628



133.4670, -48.0512, 105.7074



108.9430, -47.7929, -70.9870



132.1540, 59.5771, -115.8991

Rectangle

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



148.4940, 51.5215, 41.6628



116.2890, 9.2245, 121.6495



108.9430, -47.7929, -70.9870



122.6120, 17.9393, -107.5307

Sweetspot

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



148.4940, 51.5215, 41.6628



222.6160, 15.9653, 12.6148



154.4450, 48.5876, -44.2403



107.6880, 10.0138, 8.1666



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.



148.4940, 51.5215, 41.6628



128.1220, 62.5509, 50.7590



163.5990, 35.6937, 78.4047



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

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



155.0490, 2.9338, 85.9030



135.9850, 3.4584, 104.3762



193.4010, -35.6937, -78.4047



119.4570, 0.2677, 7.4922



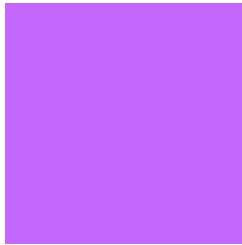
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 148.4940, 51.5215, 41.6628 looks on a white background.

Color Contrast Check

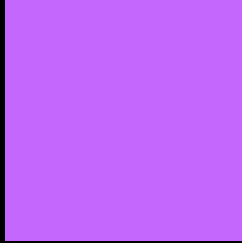
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4940, 51.5215, 41.6628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

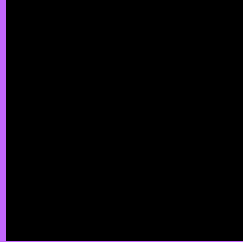
Any Text WCAG AA ✓ Pass

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 148.4940, 51.5215, 41.6628 Background



This preview shows how black text looks on a background with the YUV color 148.4940, 51.5215, 41.6628.



This preview shows how white text looks on a background with the YUV color 148.4940, 51.5215,

41.6628.

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

148.4940, 51.5215, 41.6628

Protanopia

141.1170, 56.1443, -41.3216

Deuteranopia

137.8400, 52.8299, -51.6027



Tritanopia

148.2960, -2.1179, 26.0504

Trichromacy



Original Color

148.4940, 51.5215, 41.6628



Protanomaly

143.8480, 54.3049, -11.2677



Deuteranomaly

141.6470, 52.4320, -17.2304



Tritanomaly

148.4920, 17.5054, 32.0175

Monochromacy



Original Color

148.4940, 51.5215, 41.6628



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.0230, 18.7227, 14.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4940, 51.5215, 41.6628 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(196, 104, 253)` looks like.

```
.text, #text, p{  
    color:rgb(196, 104, 253)  
}
```

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(196, 104, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 104, 253) }
```

Border

The CSS property to change the border of an element to YUV 148.4940, 51.5215, 41.6628 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(196, 104, 253) }
```


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

```
.border{ border-color:rgb(196, 104, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 104, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 104, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 104, 253);  
box-shadow:4px 4px 4px 4px rgb(196, 104,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 148.4940, 51.5215, 41.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 104, 253) }
```

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

```
.background{ background-color: rgb(196,  
104, 253) }
```

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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