

Converting Colors

YUV(148.4450, 52.5316,
44.3367)

Have a look what the booklet for
YUV(148.4450, 52.5316, 44.3367)
contains.

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Color

**YUV(148.4450, 52.5316,
44.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	C766FF
RGB	199, 102, 255
RGB Percent	78%, 40%, 100%
CMY	0.2196, 0.6000, 0.0000
CMYK	0.22, 0.60, 0.00, 0.00
HSL	278°, 100%, 70%
HSV	278°, 60%, 100%
XYZ	46.3546, 28.8649, 97.7361
YIQ	148.4450, 8.6990, 68.1470

Conversions

Conversions Part 2

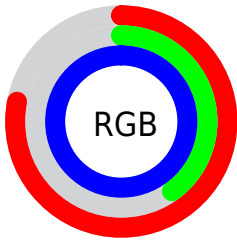
Format	Color
RYB	199, 102, 255
Decimal	13068031
CIELab	60.66, 63.13, -60.75
CIELCh	61, 87.613, 316.099
Yxy	28.8649, 0.2680, 0.1669
Android (android.graphics.Color)	4291258111 (0xFFC766FF)
YUV	148.4450, 52.5316, 44.3367
Hunter-Lab	53.7260, 59.9884, -70.2496

Details

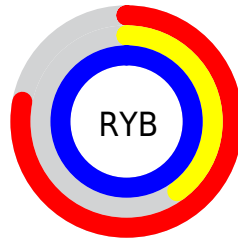
The YUV color **148.4450, 52.5316, 44.3367** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **208.5550, -52.5316, -44.3367**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4740, 28.3603, 50.4503**, and **91.6190, 51.9528, 43.3071** is the 20% darker color. If you saturate the color by 10%, you get **131.0790, 61.0931, 51.6737**, and if you desaturate by 10%, it is **166.3980, 43.6808, 36.4850**.

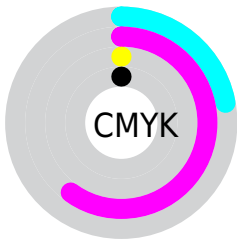
Distribution



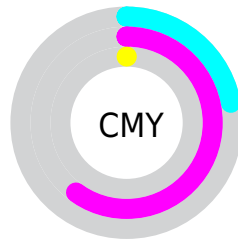
- Red (78%)
- Green (40%)
- Blue (100%)



- Red (78%)
- Yellow (40%)
- Blue (100%)



- Cyan (22%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.4450, 52.5316, 44.3367 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 148.4450, 52.5316, 44.3367 by changing the saturation by 10% instead.


 148.4450, 52.5316,
44.3367


 148.4450, 52.5316,
44.3367


255.0000, 0.0000,
0.0000


 120.6190, 51.9528,
43.3071


 197.4740, 28.3603,
50.4503


 91.6190, 51.9528,
43.3071


 213.9100, 20.2574,
36.0359


 57.2760, 55.5729,
48.8699

 230.9330, 11.8650,
21.1068

 41.3040, 49.6431,
37.4444

 247.9560, 3.4727,
6.1776

 29.6690, 42.5612,
22.2153

 18.4470, 35.7686,
7.5010

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 148.4450, 52.5316,
44.3367

■ 148.4450, 52.5316,
44.3367

■ 131.0790, 61.0931,
51.6737

■ 166.3980, 43.6808,
36.4850

■ 112.8270, 70.0913,
58.9107

■ 184.0630, 34.9719,
29.7627

■ 94.8740, 78.9421,
66.7625

■ 202.0160, 26.1211,
21.9110

■ 77.5080, 87.5036,
74.0995

■ 219.3820, 17.5597,
14.5740

237.6340, 8.5614,
7.3370

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.



112.4240, 70.2900, -98.5958



148.4450, 52.5316, 44.3367



127.3860, 28.8967, 111.9175

Triad

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



148.4450, 52.5316, 44.3367



137.9040, -67.9867, 59.7202



126.3910, 29.8802, -110.8449

Complementary

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



148.4450, 52.5316, 44.3367



208.5550, -52.5316, -44.3367

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.



115.9830, -4.9216, -101.7171



148.4450, 52.5316, 44.3367



132.8340, -65.4872, 4.5306

Square

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



148.4450, 52.5316, 44.3367



132.6090, -50.0932, 107.3369



102.4530, -48.0443, -83.7123



132.9690, 60.1613, -116.6138

Rectangle

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



148.4450, 52.5316, 44.3367



110.8920, 11.3922, 126.3827



102.4530, -48.0443, -83.7123



123.4270, 18.5235, -108.2455

Sweetspot

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



148.4450, 52.5316, 44.3367



222.9150, 15.8179, 13.2295



152.3140, 50.6242, -44.1254



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.



148.4450, 52.5316, 44.3367



126.9590, 63.1242, 53.5330



162.9090, 35.5409, 80.7638



118.8740, 4.4991, 3.6185



57.9530, 65.5922, 55.2922



19.2560, 22.0588, 18.1925

Inverse Universe

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



154.1310, 1.9074, 88.4621



133.7680, 2.5794, 106.3205



194.0910, -35.5409, -80.7638



119.3430, -0.1691, 7.5922



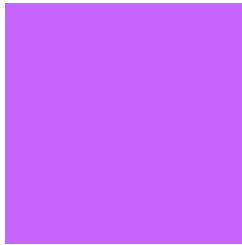
65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 148.4450, 52.5316, 44.3367 looks on a white background.

Color Contrast Check

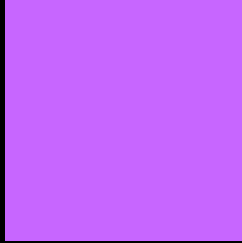
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4450, 52.5316, 44.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

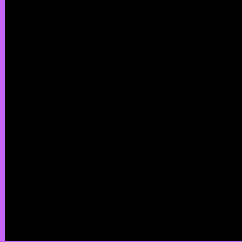
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.4450, 52.5316, 44.3367

Background



This preview shows how black text looks on a background with the YUV color 148.4450, 52.5316, 44.3367.



This preview shows how white text looks on a background with the YUV color 148.4450, 52.5316, 44.3367.

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

148.4450, 52.5316, 44.3367

Protanopia

141.1170, 56.1443, -41.3216

Deuteranopia

137.9430, 53.2721, -53.4470



Tritanopia

148.4920, -2.7076, 28.5095

Trichromacy



Original Color

148.4450, 52.5316, 44.3367



Protanomaly

143.6740, 54.8837, -10.2381



Deuteranomaly

141.4620, 53.0162, -17.9452



Tritanomaly

148.8020, 17.3526, 34.3766

Monochromacy



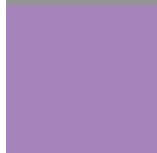
Original Color

148.4450, 52.5316, 44.3367



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.1480, 19.1540, 16.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4450, 52.5316, 44.3367 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(199, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 102, 255) }
```

Border

The CSS property to change the border of an element to YUV 148.4450, 52.5316, 44.3367 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(199, 102, 255) }
```


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

```
.border{ border-color:rgb(199, 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(199, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 102,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 148.4450, 52.5316, 44.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 102, 255) }
```

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

```
.background{ background-color: rgb(199,  
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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