

Converting Colors

YUV(169.3330, 42.2338,
33.9110)

Have a look what the booklet for
YUV(169.3330, 42.2338, 33.9110)
contains.

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Color

**YUV(169.3330, 42.2338,
33.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	D085FF
RGB	208, 133, 255
RGB Percent	82%, 52%, 100%
CMY	0.1843, 0.4784, 0.0000
CMYK	0.18, 0.48, 0.00, 0.00
HSL	277°, 100%, 76%
HSV	277°, 48%, 100%
XYZ	52.4500, 37.4050, 99.0632
YIQ	169.3330, 5.5380, 53.8420

Conversions

Conversions Part 2

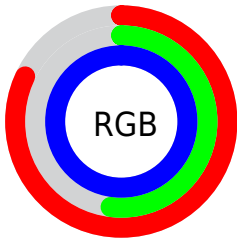
Format	Color
RYB	208, 133, 255
Decimal	13665791
CIELab	67.58, 49.86, -49.69
CIElCh	68, 70.394, 315.094
Yxy	37.4050, 0.2776, 0.1980
Android (android.graphics.Color)	4291855871 (0xFFD085FF)
YUV	169.3330, 42.2338, 33.9110
Hunter-Lab	61.1596, 46.0508, -53.2232

Details

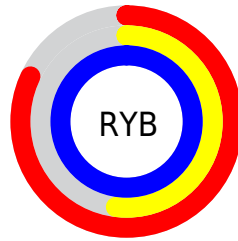
The YUV color **169.3330, 42.2338, 33.9110** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **218.6670, -42.2338, -33.9110**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6710, 19.3892, 34.4915**, and **115.2680, 40.7869, 31.3370** is the 20% darker color. If you saturate the color by 10%, you get **151.6680, 50.9427, 40.6332**, and if you desaturate by 10%, it is **187.5850, 33.2356, 26.6740**.

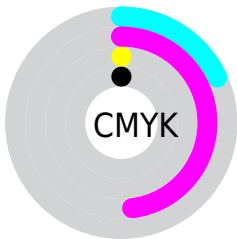
Distribution



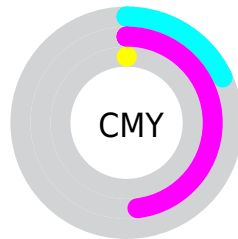
- Red (82%)
- Green (52%)
- Blue (100%)



- Red (82%)
- Yellow (52%)
- Blue (100%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.3330, 42.2338, 33.9110 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 169.3330, 42.2338, 33.9110 by changing the saturation by 10% instead.


 169.3330, 42.2338,
33.9110


 169.3330, 42.2338,
33.9110


255.0000, 0.0000,
0.0000


 142.0940, 41.3657,
32.3666


 215.6710, 19.3892,
34.4915


 115.2680, 40.7869,
31.3370


 232.1070, 11.2862,
20.0772

 88.4420, 40.2081,
30.3074

 249.1300, 2.8939,
5.1480

 61.4420, 40.2081,
30.3074

 33.9690, 40.9343,
30.7222

 23.0460, 33.9943,
16.6227

 12.1230, 27.0544,

2.5231

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 169.3330, 42.2338,
33.9110

■ 169.3330, 42.2338,
33.9110

■ 151.6680, 50.9427,
40.6332

■ 187.5850, 33.2356,
26.6740

■ 133.4160, 59.9409,
47.8702

■ 205.2500, 24.5267,
19.9518

■ 116.0500, 68.5024,
55.2072

■ 223.2030, 15.6759,
12.1000

■ 97.7980, 77.5006,
62.4442

■ 240.8680, 6.9671,
5.3778

■ 80.1330, 86.2094, 255.0000, 0.0000,
69.1664 0.0000

■ 76.0130, 88.2406,
71.0256

Harmonies

Analogous

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



151.9820, 50.7879, -49.9732



169.3330, 42.2338, 33.9110



161.7400, 18.3692, 81.7890

Triad

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



169.3330, 42.2338, 33.9110



157.2780, -65.2131, 56.7612



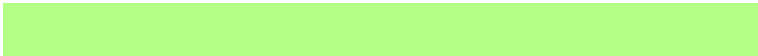
136.2220, 29.4706, -119.4667

Complementary

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



169.3330, 42.2338, 33.9110



218.6670, -42.2338, -33.9110

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.



127.5240, 1.2207, -111.8385



169.3330, 42.2338, 33.9110



151.4930, -68.2770, 12.7226

Square

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



169.3330, 42.2338, 33.9110



157.2240, -39.5504, 85.7496



143.5560, -37.2491, -46.0916



140.9590, 55.2362, -123.6210

Rectangle

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



169.3330, 42.2338, 33.9110



153.3160, 1.3232, 89.1769



143.5560, -37.2491, -46.0916



133.7140, 19.8610, -117.2672

Sweetspot

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



169.3330, 42.2338, 33.9110



229.6820, 12.4818, 9.9259



175.6710, 39.1092, -37.4225



112.3950, 7.6933, 5.7926



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.



169.3330, 42.2338, 33.9110



153.1410, 50.2165, 40.2183



182.0180, 30.0641, 64.0052



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

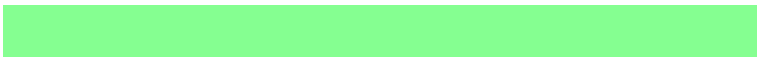
The Inverse Universe completely reimagines the original color for something new.



174.8360, 2.5459, 70.3038



159.7390, 3.0867, 83.5439



205.9820, -30.0641, -64.0052



119.4570, 0.2677, 7.4922



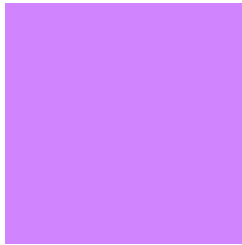
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 169.3330, 42.2338, 33.9110 looks on a white background.

Color Contrast Check

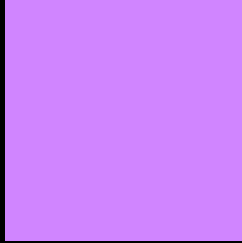
Large Text (above 18pt) WCAG AA × Fail

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 169.3330, 42.2338, 33.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

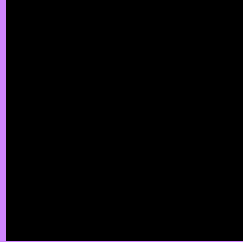
Any Text WCAG AA ✓ Pass

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 169.3330, 42.2338, 33.9110 Background



This preview shows how black text looks on a background with the YUV color 169.3330, 42.2338, 33.9110.



This preview shows how white text looks on a background with the YUV color 169.3330, 42.2338,

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

169.3330, 42.2338, 33.9110

Protanopia

163.0340, 45.3392, -28.9708

Deuteranopia

162.0290, 42.8767, -32.4744



Tritanopia

167.3280, -0.6547, 23.3913

Trichromacy



Original Color

169.3330, 42.2338, 33.9110



Protanomaly

164.9490, 44.3951, -6.0943



Deuteranomaly

164.7700, 42.5114, -8.5683

Tritanomaly

167.7750, 14.9009, 27.3843

Monochromacy



Original Color

169.3330, 42.2338, 33.9110



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0890, 15.2391, 12.1999

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3330, 42.2338, 33.9110 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(208, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 133, 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(208, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 133, 255) }
```

Border

The CSS property to change the border of an element to YUV 169.3330, 42.2338, 33.9110 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(208, 133, 255) }
```


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

```
.border{ border-color:rgb(208, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 133,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 169.3330, 42.2338, 33.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 133, 255) }
```

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

```
.background{ background-color: rgb(208,  
133, 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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