

Converting Colors

YUV(166.8420, 43.4619,
13.2936)

Have a look what the booklet for
YUV(166.8420, 43.4619, 13.2936)
contains.

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Color

**YUV(166.8420, 43.4619,
13.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	B68EFF
RGB	182, 142, 255
RGB Percent	71%, 56%, 100%
CMY	0.2863, 0.4431, 0.0000
CMYK	0.29, 0.44, 0.00, 0.00
HSL	261°, 100%, 78%
HSV	261°, 44%, 100%
XYZ	47.0144, 36.5111, 99.1772
YIQ	166.8420, -12.4330, 43.6230

Conversions

Conversions Part 2

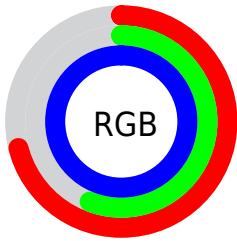
Format	Color
RYB	182, 142, 255
Decimal	11964159
CIELab	66.91, 38.06, -50.93
CIELCh	67, 63.579, 306.776
Yxy	36.5111, 0.2573, 0.1998
Android (android.graphics.Color)	4290154239 (0xFFB68EFF)
YUV	166.8420, 43.4619, 13.2936
Hunter-Lab	60.4244, 33.1428, -55.0181

Details

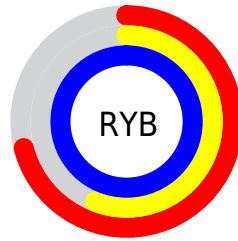
The YUV color **166.8420, 43.4619, 13.2936** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **230.1580, -43.4619, -13.2936**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8820, 19.2852, 21.1515**, and **113.6630, 41.5781, 10.8195** is the 20% darker color. If you saturate the color by 10%, you get **147.3830, 53.0552, 16.3271**, and if you desaturate by 10%, it is **186.8880, 33.5792, 9.7452**.

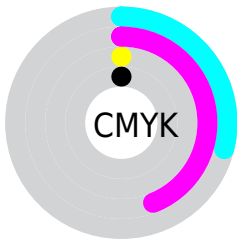
Distribution



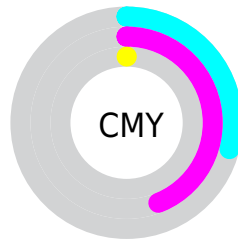
- Red (71%)
- Green (56%)
- Blue (100%)



- Red (71%)
- Yellow (56%)
- Blue (100%)



- Cyan (29%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8420, 43.4619, 13.2936 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 166.8420, 43.4619, 13.2936 by changing the saturation by 10% instead.

166.8420, 43.4619,
13.2936

166.8420, 43.4619,
13.2936

255.0000, 0.0000,
0.0000

139.9020, 42.4463,
12.3639

215.8820, 19.2852,
21.1515

113.6630, 41.5781,
10.8195

236.8030, 8.9711,
15.9588

88.3100, 40.2732,
9.3751

253.8260, 0.5788,
1.0296

62.7720, 39.5524,
7.2160

37.9350, 38.9790,
4.4420

11.6840, 39.5958,
-6.7389

7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 166.8420, 43.4619,
13.2936

■ 166.8420, 43.4619,
13.2936

■ 147.3830, 53.0552,
16.3271

■ 186.8880, 33.5792,
9.7452

■ 127.0380, 63.0853,
19.2607

■ 206.6460, 23.8385,
7.3265

■ 107.5790, 72.6786,
22.2942

■ 226.6920, 13.9558,
3.7781

■ 87.2340, 82.7086,
25.2278

■ 246.4500, 4.2152,
1.3594

■ 67.7750, 92.3019, 255.0000, 0.0000,
28.2613 0.0000

■ 55.9800, 98.1169,
29.8355

Harmonies

Analogous

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



143.2670, 55.0844, -74.7792



166.8420, 43.4619, 13.2936



165.4500, 21.4702, 67.1344

Triad

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



166.8420, 43.4619, 13.2936



158.1550, -51.8414, 61.2541



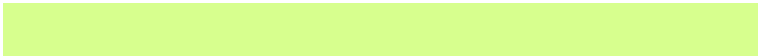
131.4800, 21.4554, -115.3080

Complementary

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



166.8420, 43.4619, 13.2936



230.1580, -43.4619, -13.2936

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.



122.8790, -3.8843, -107.7649



166.8420, 43.4619, 13.2936



154.3770, -58.8529, 23.3484

Square

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



166.8420, 43.4619, 13.2936



158.3300, -30.2357, 84.7796



148.2490, -41.5348, -24.7744



137.1630, 45.7686, -120.2920

Rectangle

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



166.8420, 43.4619, 13.2936



159.7220, 5.5601, 83.5588



148.2490, -41.5348, -24.7744



129.2000, 12.7194, -113.3084

Sweetspot

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



166.8420, 43.4619, 13.2936



229.3500, 12.6455, 4.0781



197.7330, 28.2326, -48.8778



111.4870, 8.1409, 2.2039



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.



166.8420, 43.4619, 13.2936



149.7420, 51.8922, 16.0123



183.5860, 35.2071, 47.7211



117.6780, 5.0887, 1.1594



42.1060, 73.4047, 22.7090



14.1730, 24.5647, 7.7413

Inverse Universe

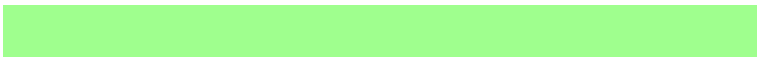
The Inverse Universe completely reimagines the original color for something new.



184.1090, 15.2293, 62.1714



170.2830, 18.1015, 74.2968



213.4140, -35.2071, -47.7211



119.7990, 1.5781, 7.1923



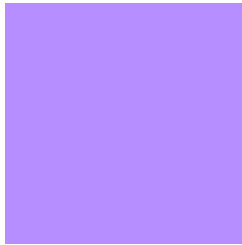
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 166.8420, 43.4619, 13.2936 looks on a white background.

Color Contrast Check

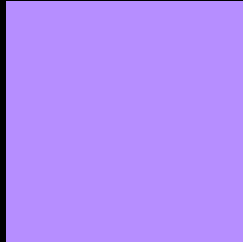
Large Text (above 18pt) WCAG AA × Fail

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 166.8420, 43.4619, 13.2936 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 166.8420, 43.4619, 13.2936 Background



This preview shows how black text looks on a background with the YUV color 166.8420, 43.4619, 13.2936.



This preview shows how white text looks on a background with the YUV color 166.8420, 43.4619,

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

166.8420, 43.4619, 13.2936

Protanopia

160.9630, 46.3602, -29.7856

Deuteranopia

158.9900, 45.3609, -35.9482



Tritanopia

163.2760, 4.7939, 2.3889

Trichromacy



Original Color

166.8420, 43.4619, 13.2936

Protanomaly

162.8340, 45.4378, -13.8864

Deuteranomaly

161.8720, 44.4331, -18.3047

Tritanomaly

164.3810, 19.0392, 6.6819

Monochromacy



Original Color

166.8420, 43.4619, 13.2936

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8600, 15.8450, 4.5078

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8420, 43.4619, 13.2936 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(182, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 142, 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(182, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 142, 255) }
```

Border

The CSS property to change the border of an element to YUV 166.8420, 43.4619, 13.2936 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(182, 142, 255) }
```


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

```
.border{ border-color:rgb(182, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 142,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 166.8420, 43.4619, 13.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 142, 255) }
```

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

```
.background{ background-color: rgb(182,  
142, 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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