

Converting Colors

YUV(166.3420, 41.2434,
-68.7059)

Have a look what the booklet for
YUV(166.3420, 41.2434, -68.7059)
contains.

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Color

**YUV(166.3420, 41.2434,
-68.7059)**

Conversions

Conversions Part 1

Format	Color
Hex	58BEFA
RGB	88, 190, 250
RGB Percent	35%, 75%, 98%
CMY	0.6549, 0.2549, 0.0196
CMYK	0.65, 0.24, 0.00, 0.02
HSL	202°, 94%, 66%
HSV	202°, 65%, 98%
XYZ	39.6933, 45.8037, 97.1914
YIQ	166.3420, -80.0520, -2.9640

Conversions

Conversions Part 2

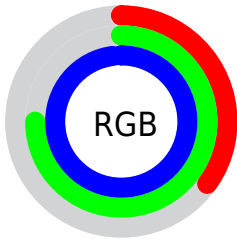
Format	Color
R _Y B	88, 151, 250
Decimal	5816058
CIE Lab	73.42, -11.69, -38.40
CIE LCh	73, 40.139, 253.071
Yxy	45.8037, 0.2173, 0.2507
Android (android.graphics.Color)	4284006138 (0xFF58BEFA)
YUV	166.3420, 41.2434, -68.7059
Hunter-Lab	67.6785, -13.7474, -37.7700

Details

The YUV color **166.3420, 41.2434, -68.7059** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **171.6580, -41.2434, 68.7059**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9200, 17.7874, -58.6888**, and **102.4210, 44.6554, -89.8232** is the 20% darker color. If you saturate the color by 10%, you get **153.5840, 47.5331, -79.4422**, and if you desaturate by 10%, it is **179.1000, 34.9537, -57.9697**.

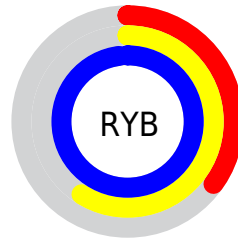
Distribution



Red (35%)

Green (75%)

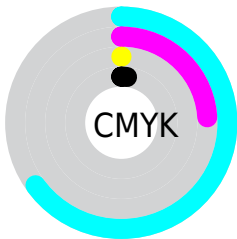
Blue (98%)



Red (35%)

Yellow (59%)

Blue (98%)

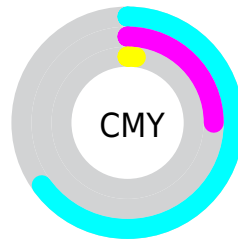


Cyan (65%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3420, 41.2434, -68.7059 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 166.3420, 41.2434, -68.7059 by changing the saturation by 10% instead.

■ 166.3420, 41.2434,
-68.7059

■ 166.3420, 41.2434,
-68.7059

■ 255.0000, 0.0000,
0.0000

■ 135.8250, 41.9913,
-75.2685

■ 218.9200, 17.7874,
-58.6888

■ 102.4210, 44.6554,
-89.8232

■ 233.1730, 10.7607,
-44.8787

■ 84.0810, 40.3861,
-73.7390

■ 242.4420, 6.1911,
-25.8206

■ 66.9150, 35.5379,
-58.6845

■ 251.7110, 1.6215,
-6.7625

■ 50.5640, 31.2739,
-44.3446

■ 34.8000, 26.7206,
-30.5196

■ 20.9110, 21.7359,

-18.3389

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 166.3420, 41.2434,
-68.7059

■ 166.3420, 41.2434,
-68.7059

■ 153.5840, 47.5331,
-79.4422

■ 179.1000, 34.9537,
-57.9697

■ 140.2390, 54.1122,
-89.6636

■ 192.4450, 28.3746,
-47.7483

■ 127.4810, 60.4019,
-100.3998

■ 205.2030, 22.0849,
-37.0120

■ 120.6590, 63.7651,
-105.8179

■ 217.9610, 15.7952,
-26.2758

■ 230.7190, 9.5055,
-15.5396

■ 244.0640, 2.9264,
-5.3181

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



144.1370, 41.8375, -119.3921



166.3420, 41.2434, -68.7059



178.9610, 36.0082, -22.7678

Triad

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



166.3420, 41.2434, -68.7059



183.3820, -9.0623, 60.1780



171.7930, -23.0689, -20.8665

Complementary

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



166.3420, 41.2434, -68.7059



171.6580, -41.2434, 68.7059

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.



176.1300, -34.0811, 11.2870



166.3420, 41.2434, -68.7059



181.6360, -24.4705, 55.5702

Square

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



166.3420, 41.2434, -68.7059



185.0010, 8.8735, 47.3571



179.2950, -34.1624, 37.4523



164.4370, -3.1734, -55.6342

Rectangle

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



166.3420, 41.2434, -68.7059



183.3020, 28.9381, 4.9971



179.2950, -34.1624, 37.4523



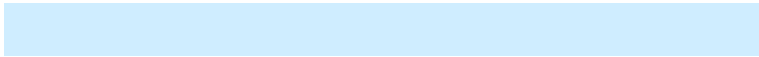
173.3060, -27.7589, -9.9154

Sweetspot

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



166.3420, 41.2434, -68.7059



230.0820, 12.2846, -20.2429



189.8200, -21.1103, -89.2961



112.5730, 7.6055, -12.7805



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.



166.3420, 41.2434, -68.7059



152.0610, 50.7489, -84.2455



119.3820, 64.3947, -27.5220



118.1780, 3.3632, -5.4181



91.3990, 48.1173, -80.1569



29.8470, 15.3584, -26.1758

Inverse Universe

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



148.0660, 20.6735, 89.3961



129.7510, 25.2658, 109.8434



218.6180, -64.3947, 27.5220



116.7990, 1.5781, 7.1923



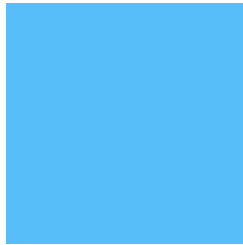
70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 166.3420, 41.2434, -68.7059 looks on a white background.

Color Contrast Check

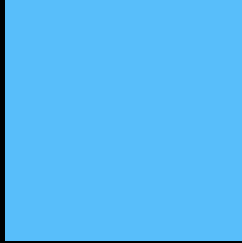
Large Text (above 18pt) WCAG AA × Fail

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 166.3420, 41.2434, -68.7059 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

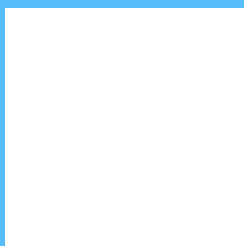
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.3420, 41.2434, -68.7059

Background



This preview shows how black text looks on a background with the YUV color 166.3420, 41.2434, -68.7059.



This preview shows how white text looks on a background with the YUV color 166.3420, 41.2434, -68.7059.

-68.7059.

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

166.3420, 41.2434, -68.7059

Protanopia

179.3980, 29.8768, -16.1350

Deuteranopia

178.4880, 36.7344, -22.3530



Tritanopia

160.2530, 26.0043, -80.9059

Trichromacy



Original Color

166.3420, 41.2434, -68.7059

Protanomaly

174.7160, 34.1570, -35.7079

Deuteranomaly

174.1330, 38.3884, -39.5816

Tritanomaly

162.0670, 31.5190, -76.3578

Monochromacy



Original Color

166.3420, 41.2434, -68.7059

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.4450, 15.0636, -24.9463

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3420, 41.2434, -68.7059 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(88, 190, 250)` looks like.

```
.text, #text, p{  
    color:rgb(88, 190, 250)  
}
```

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(88, 190, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 190, 250) }
```

Border

The CSS property to change the border of an element to YUV 166.3420, 41.2434, -68.7059 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(88, 190, 250) }
```


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

```
.border{ border-color:rgb(88, 190, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 190, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 190, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 190, 250);  
box-shadow:4px 4px 4px 4px rgb(88, 190,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 166.3420, 41.2434, -68.7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 190, 250) }
```

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

```
.background{ background-color: rgb(88, 190,  
250) }
```

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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