

Converting Colors

YUV(118.8130, 67.1402,
-68.2420)

Have a look what the booklet for
YUV(118.8130, 67.1402, -68.2420)
contains.

YUV(118.8130, 67.1402, -68.2420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.8130, 67.1402,
-68.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	2984FF
RGB	41, 132, 255
RGB Percent	16%, 52%, 100%
CMY	0.8392, 0.4824, 0.0000
CMYK	0.84, 0.48, 0.00, 0.00
HSL	214°, 100%, 58%
HSV	214°, 84%, 100%
XYZ	27.2157, 24.1939, 97.8432
YIQ	118.8130, -93.7190, 18.9610

Conversions

Conversions Part 2

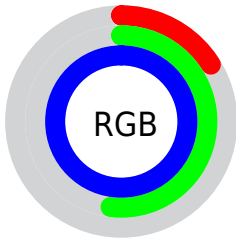
Format	Color
R _Y B	41, 105, 255
Decimal	2721023
CIE Lab	56.28, 18.00, -68.38
CIE LCh	56, 70.704, 284.748
Yxy	24.1939, 0.1823, 0.1621
Android (android.graphics.Color)	4280911103 (0xFF2984FF)
YUV	118.8130, 67.1402, -68.2420
Hunter-Lab	49.1873, 12.6875, -83.5082

Details

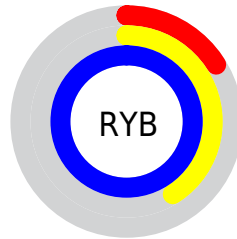
The YUV color **118.8130, 67.1402, -68.2420** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **177.1870, -67.1402, 68.2420**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8550, 40.0045, -44.5998**, and **71.7660, 61.7404, -62.9388** is the 20% darker color. If you saturate the color by 10%, you get **102.5330, 75.1662, -75.8894**, and if you desaturate by 10%, it is **135.0930, 59.1142, -60.5946**.

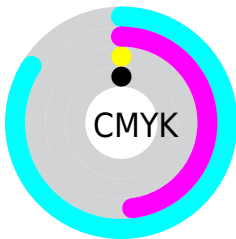
Distribution



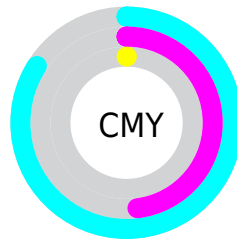
- Red (16%)
- Green (52%)
- Blue (100%)



- Red (16%)
- Yellow (41%)
- Blue (100%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8130, 67.1402, -68.2420 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 118.8130, 67.1402, -68.2420 by changing the saturation by 10% instead.

■ 118.8130, 67.1402,
-68.2420

■ 118.8130, 67.1402,
-68.2420

■ 255.0000, 0.0000,
0.0000

■ 88.5730, 67.7515,
-77.6785

■ 173.8550, 40.0045,
-44.5998

■ 71.7660, 61.7404,
-62.9388

■ 200.1580, 27.0371,
-38.7266

■ 55.6600, 55.8766,
-48.8138

■ 226.1620, 14.2171,
-33.4681

■ 40.2550, 50.1603,
-35.3036

■ 244.5350, 5.1592,
-21.5172

■ 27.3120, 43.7232,
-23.9526

■ 253.8040, 0.5896,
-2.4591

■ 17.3040, 35.8391,
-15.1756

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 118.8130, 67.1402,
-68.2420

■ 118.8130, 67.1402,
-68.2420

■ 102.5330, 75.1662,
-75.8894

■ 135.0930, 59.1142,
-60.5946

■ 92.4660, 80.1293,
-81.0927

■ 151.0850, 51.2301,
-51.8175

■ 167.6640, 43.0566,
-43.5553

■ 183.9440, 35.0306,
-35.9079

■ 199.9360, 27.1466,
-27.1309

■ 216.2160, 19.1205,
-19.4834

■ 232.7950, 10.9471,
-11.2212

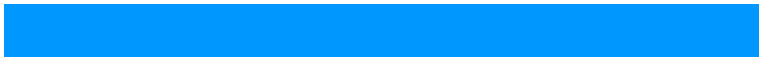
■ 248.4880, 3.2104,
-3.0590

■ 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.



117.5930, 67.2487, -103.1291



118.8130, 67.1402, -68.2420



138.2080, 41.8025, 32.2666

Triad

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



118.8130, 67.1402, -68.2420



127.4630, -38.6823, 87.2939



105.9070, -2.9122, -92.8804

Complementary

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



118.8130, 67.1402, -68.2420



177.1870, -67.1402, 68.2420

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.



111.8440, -37.3911, -47.2212



118.8130, 67.1402, -68.2420



127.2390, -62.7288, 53.2874

Square

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



118.8130, 67.1402, -68.2420



124.1840, -8.4717, 104.2016



123.4200, -60.8461, 9.2787



114.4910, 24.9009, -100.4086

Rectangle

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



118.8130, 67.1402, -68.2420



133.9650, 27.1323, 71.0677



123.4200, -60.8461, 9.2787



102.3390, -11.5061, -89.7513

Sweetspot

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



118.8130, 67.1402, -68.2420



214.1450, 20.1415, -20.2982



180.4120, -9.0771, -122.2643



103.4250, 12.1155, -12.6507



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.



118.8130, 67.1402, -68.2420



92.4660, 80.1293, -81.0927



69.5820, 91.4111, -12.7884



119.4170, 4.2314, -3.8737



69.3210, 59.9877, -60.7945



23.1450, 20.1415, -20.2982

Inverse Universe

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



115.3600, 8.2035, 122.4643



88.5570, 9.5854, 145.9705



226.4180, -91.4111, 12.7884



119.4570, 0.2677, 7.4922



66.3430, 7.2259, 109.3242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 118.8130, 67.1402, -68.2420 looks on a white background.

Color Contrast Check

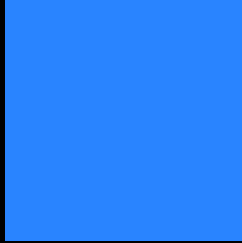
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8130, 67.1402, -68.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

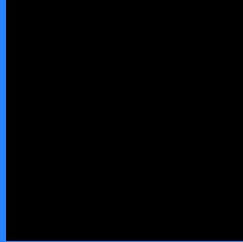
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

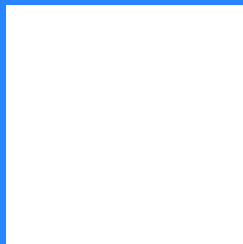
Any Text WCAG AAA × Fail

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

YUV 118.8130, 67.1402, -68.2420 Background



This preview shows how black text looks on a background with the YUV color 118.8130, 67.1402, -68.2420.



This preview shows how white text looks on a background with the YUV color 118.8130, 67.1402, -68.2420.

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

118.8130, 67.1402, -68.2420

Protanopia

125.1850, 63.0128, -51.0282

Deuteranopia

107.6650, 64.7482, -94.4222



Tritanopia

105.5890, 26.3316, -92.6016

Trichromacy



Original Color

118.8130, 67.1402, -68.2420

Protanomaly

123.1950, 64.4869, -57.1760

Deuteranomaly

111.6600, 65.7366, -84.7708

Tritanomaly

110.5420, 41.1448, -83.7903

Monochromacy



Original Color

118.8130, 67.1402, -68.2420

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1490, 24.0835, -24.6867

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8130, 67.1402, -68.2420 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(41, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 132, 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(41, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 132, 255) }
```

Border

The CSS property to change the border of an element to YUV 118.8130, 67.1402, -68.2420 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(41, 132, 255) }
```


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

```
.border{ border-color:rgb(41, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(41, 132,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 118.8130, 67.1402, -68.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 132, 255) }
```

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

```
.background{ background-color: rgb(41, 132,  
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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