

Converting Colors

YUV(116.9840, 68.0419,
-30.6810)

Have a look what the booklet for
YUV(116.9840, 68.0419, -30.6810)
contains.

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Color

**YUV(116.9840, 68.0419,
-30.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	526CFF
RGB	82, 108, 255
RGB Percent	32%, 42%, 100%
CMY	0.6784, 0.5765, 0.0000
CMYK	0.68, 0.58, 0.00, 0.00
HSL	231°, 100%, 66%
HSV	231°, 68%, 100%
XYZ	26.8922, 19.7390, 97.0004
YIQ	116.9840, -62.6830, 40.2050

Conversions

Conversions Part 2

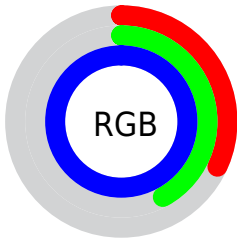
Format	Color
R _Y B	82, 105, 255
Decimal	5401855
CIE Lab	51.54, 37.12, -75.99
CIE LCh	52, 84.575, 296.035
Yxy	19.7390, 0.1872, 0.1374
Android (android.graphics.Color)	4283591935 (0xFF526CFF)
YUV	116.9840, 68.0419, -30.6810
Hunter-Lab	44.4286, 30.2946, -98.3472

Details

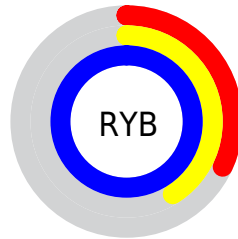
The YUV color **116.9840, 68.0419, -30.6810** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **220.0160, -68.0419, 30.6810**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9540, 43.4067, -15.7457**, and **58.2650, 68.3964, -51.0984** is the 20% darker color. If you saturate the color by 10%, you get **96.5950, 78.0937, -34.7248**, and if you desaturate by 10%, it is **137.3730, 57.9901, -26.6371**.

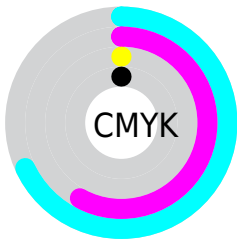
Distribution



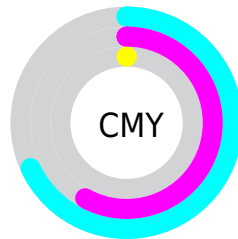
- Red (32%)
- Green (42%)
- Blue (100%)



- Red (32%)
- Yellow (41%)
- Blue (100%)



- Cyan (68%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9840, 68.0419, -30.6810 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 116.9840, 68.0419, -30.6810 by changing the saturation by 10% instead.

■ 116.9840, 68.0419,
-30.6810

■ 116.9840, 68.0419,
-30.6810

255.0000, 0.0000,
0.0000

■ 86.1350, 68.9534,
-43.0914

■ 166.9540, 43.4067,
-15.7457

■ 58.2650, 68.3964,
-51.0984

■ 192.0720, 31.0235,
-10.5871

■ 42.7460, 62.2432,
-37.4882

■ 218.0760, 18.2035,
-5.3287

■ 29.1020, 55.6587,
-25.5225

■ 243.7810, 5.5310,
-0.6849

■ 13.1100, 50.2318,
-11.4975

■ 17.3040, 35.8391,
-15.1756

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 116.9840, 68.0419,
-30.6810

■ 116.9840, 68.0419,
-30.6810

■ 96.5950, 78.0937,
-34.7248

■ 137.3730, 57.9901,
-26.6371

■ 76.4940, 88.0035,
-39.8982

■ 157.4740, 48.0803,
-21.4637

■ 56.1050, 98.0552,
-43.9421

■ 178.1620, 37.8811,
-16.8051

■ 51.3760, 100.3866,
-45.0568

■ 198.5510, 27.8294,
-12.7612

■ 218.6520, 17.9196,
-7.5878

■ 239.0410, 7.8678,
-3.5440

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.



108.9020, 72.0263, -95.5071



116.9840, 68.0419, -30.6810



118.6670, 42.5622, 68.6980

Triad

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



116.9840, 68.0419, -30.6810



110.9240, -54.6855, 86.8897



101.8780, 4.4971, -89.3470

Complementary

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



116.9840, 68.0419, -30.6810



220.0160, -68.0419, 30.6810

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.



89.5950, -29.8733, -78.5748



116.9840, 68.0419, -30.6810



115.9210, -57.1491, 36.9033

Square

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



116.9840, 68.0419, -30.6810



92.9700, -13.7892, 129.8223



106.4320, -52.4710, -17.0419



110.9010, 36.5308, -97.2602

Rectangle

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



116.9840, 68.0419, -30.6810



91.1300, 33.9529, 123.5430



106.4320, -52.4710, -17.0419



98.3270, -6.5702, -86.2328

Sweetspot

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



116.9840, 68.0419, -30.6810



214.5100, 19.9616, -9.2173



199.9670, 12.8343, -103.4571



102.8820, 12.3832, -5.1585



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.



116.9840, 68.0419, -30.6810



89.7950, 81.4461, -36.6542



119.0640, 67.0164, 18.3609



117.6560, 5.0996, -2.3293



38.7970, 75.0361, -34.0250



13.1660, 25.0612, -11.5466

Inverse Universe

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



136.6910, -14.1447, 103.7570



113.4270, -16.9725, 124.1595



217.9360, -67.0164, -18.3609



119.1150, -1.0427, 7.7921



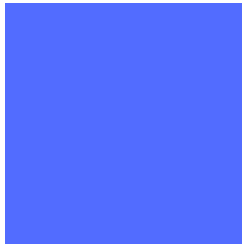
60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 116.9840, 68.0419, -30.6810 looks on a white background.

Color Contrast Check

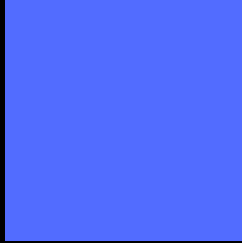
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9840, 68.0419, -30.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

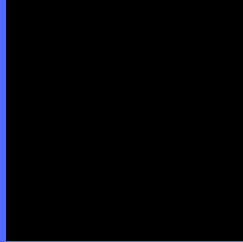
Any Text WCAG AA ✓ Pass

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 116.9840, 68.0419, -30.6810 Background



This preview shows how black text looks on a background with the YUV color 116.9840, 68.0419, -30.6810.



This preview shows how white text looks on a background with the YUV color 116.9840, 68.0419, -30.6810.

-30.6810.

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

116.9840, 68.0419, -30.6810

Protanopia

97.1790, 75.3408, -85.2260

Deuteranopia

97.8850, 57.7377, -85.8451



Tritanopia

95.8890, 24.7047, -84.0947

Trichromacy



Original Color

116.9840, 68.0419, -30.6810

Protanomaly

104.6160, 72.6603, -65.4382

Deuteranomaly

105.0430, 61.6038, -65.8127

Tritanomaly

103.5490, 40.6483, -64.5025

Monochromacy



Original Color

116.9840, 68.0419, -30.6810

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0520, 24.6244, -11.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9840, 68.0419, -30.6810 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(82, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 108, 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(82, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 108, 255) }
```

Border

The CSS property to change the border of an element to YUV 116.9840, 68.0419, -30.6810 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(82, 108, 255) }
```


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

```
.border{ border-color:rgb(82, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 108,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 116.9840, 68.0419, -30.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 108, 255) }
```

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

```
.background{ background-color: rgb(82, 108,  
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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