

Converting Colors

YUV(119.0970, 66.5072,
-51.8281)

Have a look what the booklet for
YUV(119.0970, 66.5072, -51.8281)
contains.

YUV(119.0970, 66.5072, -51.8281)	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(119.0970, 66.5072,
-51.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	3C7BFE
RGB	60, 123, 254
RGB Percent	24%, 48%, 100%
CMY	0.7647, 0.5176, 0.0039
CMYK	0.76, 0.52, 0.00, 0.00
HSL	221°, 99%, 62%
HSV	221°, 76%, 100%
XYZ	26.8358, 22.2823, 96.6524
YIQ	119.0970, -79.5990, 27.3850

Conversions

Conversions Part 2

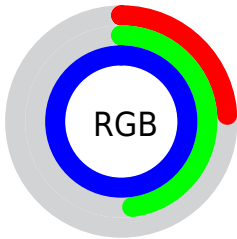
Format	Color
R _Y B	60, 108, 254
Decimal	3963902
CIE Lab	54.33, 24.89, -70.96
CIE LCh	54, 75.200, 289.329
Yxy	22.2823, 0.1841, 0.1529
Android (android.graphics.Color)	4282153982 (0xFF3C7BFE)
YUV	119.0970, 66.5072, -51.8281
Hunter-Lab	47.2042, 18.8709, -88.3558

Details

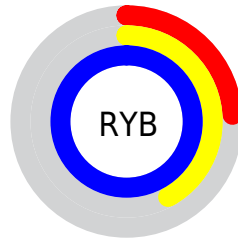
The YUV color **119.0970, 66.5072, -51.8281** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **194.9030, -66.5072, 51.8281**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5620, 41.1349, -33.8189**, and **66.3690, 63.9081, -58.2056** is the 20% darker color. If you saturate the color by 10%, you get **101.6430, 75.1120, -58.4459**, and if you desaturate by 10%, it is **136.5510, 57.9024, -45.2102**.

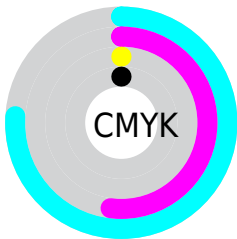
Distribution



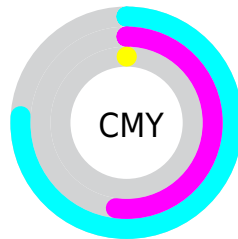
- Red (24%)
- Green (48%)
- Blue (100%)



- Red (24%)
- Yellow (42%)
- Blue (100%)



- Cyan (76%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0970, 66.5072, -51.8281 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 119.0970, 66.5072, -51.8281 by changing the saturation by 10% instead.

■ 119.0970, 66.5072,
-51.8281

■ 119.0970, 66.5072,
-51.8281

255.0000, 0.0000,
0.0000

■ 83.7630, 69.6298,
-73.4602

■ 171.5620, 41.1349,
-33.8189

■ 66.3690, 63.9081,
-58.2056

■ 196.9790, 28.6044,
-28.0456

■ 50.8500, 57.7550,
-44.5954

■ 222.9830, 15.7844,
-22.7871

■ 36.0320, 51.7492,
-31.6001

■ 246.9270, 3.9800,
-16.5990

■ 22.5020, 45.6015,
-19.7343

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 119.0970, 66.5072,
-51.8281

■ 119.0970, 66.5072,
-51.8281

■ 101.6430, 75.1120,
-58.4459

■ 136.5510, 57.9024,
-45.2102

■ 83.8900, 83.8642,
-65.6785

■ 154.3040, 49.1501,
-37.9776

■ 77.0900, 87.2166,
-67.6079

■ 171.7580, 40.5453,
-31.3598

■ 190.0980, 31.5037,
-24.6419

■ 207.5520, 22.8989,
-18.0241

■ 225.0060, 14.2940,
-11.4063

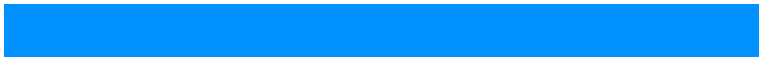
■ 242.7590, 5.5418,
-4.1736

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



114.1850, 69.4218, -100.1402



119.0970, 66.5072, -51.8281



132.1710, 41.3277, 44.5770

Triad

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



119.0970, 66.5072, -51.8281



120.5140, -46.1024, 87.2492



104.0150, -0.0074, -91.2212

Complementary

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



119.0970, 66.5072, -51.8281



194.9030, -66.5072, 51.8281

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.



92.3990, -29.2837, -81.0339



119.0970, 66.5072, -51.8281



122.4770, -60.3812, 46.9397

Square

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



119.0970, 66.5072, -51.8281



114.4300, -11.5510, 111.8789



116.8750, -57.6194, 0.9866



112.2400, 28.9687, -98.4345

Rectangle

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



119.0970, 66.5072, -51.8281



124.4120, 25.9259, 84.7077



116.8750, -57.6194, 0.9866



100.2190, -9.4750, -87.8921

Sweetspot

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



119.0970, 66.5072, -51.8281



213.8790, 20.2727, -15.6799



188.5840, 0.2051, -112.7682



102.5610, 12.5414, -9.2620



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.



119.0970, 66.5072, -51.8281



91.9890, 80.3644, -63.1344



91.6840, 80.0218, 0.2771



118.8300, 4.5208, -3.3589



58.1680, 65.4862, -51.0133



19.6230, 21.8779, -17.2094

Inverse Universe

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



125.1880, -1.0787, 112.9681



99.0430, -1.0072, 136.7743



222.3160, -80.0218, -0.2771



119.3430, -0.1691, 7.5922



64.1770, -1.0733, 111.2238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 119.0970, 66.5072, -51.8281 looks on a white background.

Color Contrast Check

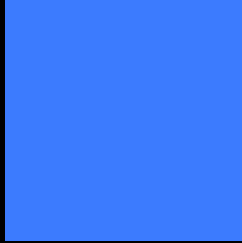
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0970, 66.5072, -51.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

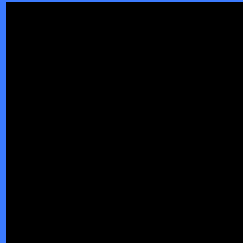
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

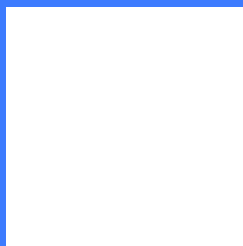
Any Text WCAG AAA × Fail

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

YUV 119.0970, 66.5072, -51.8281 Background



This preview shows how black text looks on a background with the YUV color 119.0970, 66.5072, -51.8281.



This preview shows how white text looks on a background with the YUV color 119.0970, 66.5072, -51.8281.

-51.8281.

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

119.0970, 66.5072, -51.8281

Protanopia

115.3130, 68.8657, -61.6645

Deuteranopia

103.5900, 61.8271, -90.8484



Tritanopia

101.3830, 25.4472, -88.9129

Trichromacy



Original Color

119.0970, 66.5072, -51.8281

Protanomaly

116.8080, 68.1287, -58.5906

Deuteranomaly

109.4330, 63.3835, -76.6787

Tritanomaly

108.0700, 40.3915, -75.4834

Monochromacy



Original Color

119.0970, 66.5072, -51.8281

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8940, 24.2093, -18.3240

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0970, 66.5072, -51.8281 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(60, 123, 254)` looks like.

```
.text, #text, p{  
    color:rgb(60, 123, 254)  
}
```

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(60, 123, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 123, 254) }
```

Border

The CSS property to change the border of an element to YUV 119.0970, 66.5072, -51.8281 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(60, 123, 254) }
```


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

```
.border{ border-color:rgb(60, 123, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 123, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 123, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 123, 254);  
box-shadow:4px 4px 4px 4px rgb(60, 123,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 119.0970, 66.5072, -51.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 123, 254) }
```

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

```
.background{ background-color: rgb(60, 123,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor