

Converting Colors

YUV(109.6680, 67.2117,
-44.4358)

Have a look what the booklet for
YUV(109.6680, 67.2117, -44.4358)
contains.

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Color

**YUV(109.6680, 67.2117,
-44.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6DF6
RGB	59, 109, 246
RGB Percent	23%, 43%, 96%
CMY	0.7686, 0.5725, 0.0353
CMYK	0.76, 0.56, 0.00, 0.04
HSL	224°, 91%, 60%
HSV	224°, 76%, 96%
XYZ	23.9068, 18.5209, 89.5036
YIQ	109.6680, -73.7770, 32.0070

Conversions

Conversions Part 2

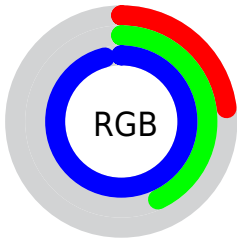
Format	Color
R_{YB}	59, 98, 246
Decimal	3894774
CIE _{Lab}	50.12, 30.61, -73.35
CIE _{LCh}	50, 79.480, 292.653
Yxy	18.5209, 0.1812, 0.1404
Android (android.graphics.Color)	4282084854 (0xFF3B6DF6)
YUV	109.6680, 67.2117, -44.4358
Hunter-Lab	43.0359, 23.8454, -93.1828

Details

The YUV color **109.6680, 67.2117, -44.4358** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **195.3320, -67.2117, 44.4358**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1590, 45.7706, -27.3264**, and **58.5270, 64.3232, -51.3282** is the 20% darker color. If you saturate the color by 10%, you get **91.6270, 76.1059, -50.5389**, and if you desaturate by 10%, it is **127.7090, 58.3175, -38.3328**.

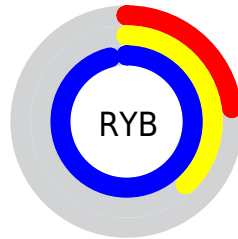
Distribution



Red (23%)

Green (43%)

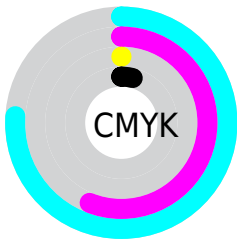
Blue (96%)



Red (23%)

Yellow (38%)

Blue (96%)

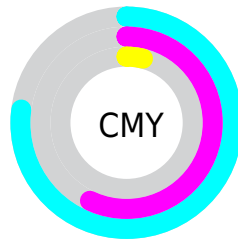


Cyan (76%)

Magenta (56%)

Yellow (0%)

Black (4%)



Cyan (77%)

Magenta (57%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6680, 67.2117, -44.4358 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 109.6680, 67.2117, -44.4358 by changing the saturation by 10% instead.

■ 109.6680, 67.2117,
-44.4358

■ 109.6680, 67.2117,
-44.4358

255.0000, 0.0000,
0.0000

■ 74.6330, 70.1869,
-65.4531

■ 162.1590, 45.7706,
-27.3264

■ 58.5270, 64.3232,
-51.3282

■ 187.5760, 33.2400,
-21.5532

■ 43.0080, 58.1701,
-37.7180

■ 212.9930, 20.7095,
-15.7799

■ 29.3640, 51.5855,
-25.7522

■ 239.2850, 7.7475,
-11.6509

■ 12.3120, 47.1742,
-10.7976

■ 15.8050, 32.6341,
-13.8610

■ 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 109.6680, 67.2117,
-44.4358

■ 109.6680, 67.2117,
-44.4358

■ 91.6270, 76.1059,
-50.5389

■ 127.7090, 58.3175,
-38.3328

■ 73.8850, 84.8527,
-56.0271

■ 145.4510, 49.5707,
-32.8445

■ 66.7860, 88.3525,
-58.5713

■ 163.4920, 40.6764,
-26.7415

■ 181.2340, 31.9296,
-21.2532

■ 199.2750, 23.0354,
-15.1502

■ 217.3160, 14.1412,
-9.0471

■ 235.0580, 5.3944,
-3.5589

■ 252.8000, -3.3524,
1.9294

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



107.1410, 72.8945, -93.9627



109.6680, 67.2117, -44.4358



118.6500, 41.5846, 55.5580

Triad

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



109.6680, 67.2117, -44.4358



107.3800, -52.9383, 86.4897



97.1020, 1.4287, -85.1585

Complementary

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



109.6680, 67.2117, -44.4358



195.3320, -67.2117, 44.4358

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.



85.8620, -31.4840, -75.3010



109.6680, 67.2117, -44.4358



112.6980, -55.5601, 40.6069

Square

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



109.6680, 67.2117, -44.4358



94.0120, -10.8519, 121.0155



105.6010, -52.0613, -8.4201



106.2560, 31.4258, -93.1865

Rectangle

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



109.6680, 67.2117, -44.4358



103.1950, 28.4979, 99.8070



105.6010, -52.0613, -8.4201



93.7790, -8.7650, -82.2442

Sweetspot

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



109.6680, 67.2117, -44.4358



212.1180, 21.1408, -14.1355



184.0450, 4.4148, -109.6645



101.3870, 13.1202, -8.2324



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.



109.6680, 67.2117, -44.4358



85.8420, 83.3949, -55.1124



92.5770, 75.6375, 6.5100



113.1290, 4.3734, -2.7441



50.5540, 66.7749, -44.3359



16.1180, 21.1408, -14.1355

Inverse Universe

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



120.6130, -5.7252, 109.9644



99.4360, -7.1169, 136.4296



212.4230, -75.6375, -6.5100



113.9300, -0.4585, 7.0774



61.3140, -5.5778, 109.3496



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 109.6680, 67.2117, -44.4358 looks on a white background.

Color Contrast Check

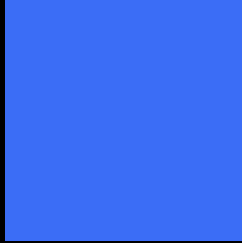
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.6680, 67.2117, -44.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

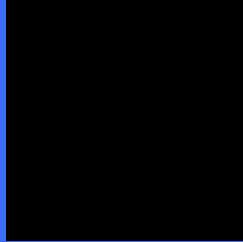
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.6680, 67.2117, -44.4358

Background



This preview shows how black text looks on a background with the YUV color 109.6680, 67.2117, -44.4358.



This preview shows how white text looks on a background with the YUV color 109.6680, 67.2117, -44.4358.

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

109.6680, 67.2117, -44.4358

Protanopia

94.5060, 72.7145, -82.8818

Deuteranopia

94.8530, 56.2745, -83.1861



Tritanopia

92.8570, 23.2415, -81.4356

Trichromacy



Original Color

109.6680, 67.2117, -44.4358

Protanomaly

99.7250, 70.6346, -69.0418

Deuteranomaly

100.2660, 60.0149, -69.5163

Tritanomaly

98.8860, 39.4962, -68.3060

Monochromacy



Original Color

109.6680, 67.2117, -44.4358

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9050, 24.2038, -16.5797

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6680, 67.2117, -44.4358 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(59, 109, 246)` looks like.

```
.text, #text, p{  
    color:rgb(59, 109, 246)  
}
```

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(59, 109, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 109, 246) }
```

Border

The CSS property to change the border of an element to YUV 109.6680, 67.2117, -44.4358 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(59, 109, 246) }
```


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

```
.border{ border-color:rgb(59, 109, 246) }
```

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

Here you see how a box with a 4 pixel rgb(59, 109, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 109, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 109, 246);  
box-shadow:4px 4px 4px 4px rgb(59, 109,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 109.6680, 67.2117, -44.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 109, 246) }
```

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

```
.background{ background-color: rgb(59, 109,  
246) }
```

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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