

Converting Colors

YUV(107.7650, 70.1219,
-44.5209)

Have a look what the booklet for
YUV(107.7650, 70.1219, -44.5209)
contains.

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Color

**YUV(107.7650, 70.1219,
-44.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	396AFA
RGB	57, 106, 250
RGB Percent	22%, 42%, 98%
CMY	0.7765, 0.5843, 0.0196
CMYK	0.77, 0.58, 0.00, 0.02
HSL	225°, 95%, 60%
HSV	225°, 77%, 98%
XYZ	24.0967, 18.0801, 92.6622
YIQ	107.7650, -75.4280, 34.3960

Conversions

Conversions Part 2

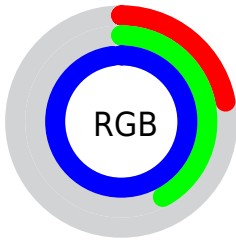
Format	Color
R _Y B	57, 96, 250
Decimal	3762938
CIE Lab	49.59, 33.72, -76.44
CIE LCh	50, 83.547, 293.807
Yxy	18.0801, 0.1787, 0.1341
Android (android.graphics.Color)	4281953018 (0xFF396AFA)
YUV	107.7650, 70.1219, -44.5209
Hunter-Lab	42.5206, 26.7459, -99.4421

Details

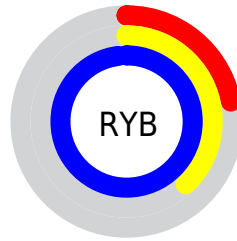
The YUV color **107.7650, 70.1219, -44.5209** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **199.2350, -70.1219, 44.5209**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3980, 46.6388, -25.7820**, and **57.1080, 66.5018, -50.0837** is the 20% darker color. If you saturate the color by 10%, you get **89.1370, 79.3055, -50.1091**, and if you desaturate by 10%, it is **126.3930, 60.9383, -38.9327**.

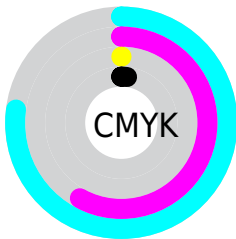
Distribution



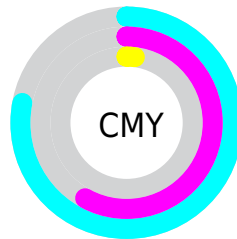
- Red (22%)
- Green (42%)
- Blue (98%)



- Red (22%)
- Yellow (38%)
- Blue (98%)



- Cyan (77%)
- Magenta (58%)
- Yellow (0%)
- Black (2%)



- Cyan (78%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7650, 70.1219, -44.5209 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 107.7650, 70.1219, -44.5209 by changing the saturation by 10% instead.

■ 107.7650, 70.1219,
-44.5209

■ 107.7650, 70.1219,
-44.5209

■ 255.0000, 0.0000,
0.0000

■ 73.3280, 72.8023,
-64.3087

■ 160.3980, 46.6388,
-25.7820

■ 57.1080, 66.5018,
-50.0837

■ 186.1140, 33.9608,
-19.3940

■ 41.5890, 60.3486,
-36.4736

■ 211.2320, 21.5776,
-14.2355

■ 28.5320, 53.4747,
-25.0226

■ 237.2360, 8.7577,
-8.9770

■ 12.6540, 48.4846,
-11.0976

■ 16.7340, 33.6551,
-14.6757

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 107.7650, 70.1219,
-44.5209

■ 107.7650, 70.1219,
-44.5209

■ 89.1370, 79.3055,
-50.1091

■ 126.3930, 60.9383,
-38.9327

■ 71.0960, 88.1997,
-56.2122

■ 144.4340, 52.0440,
-32.8296

■ 65.4810, 90.9679,
-57.4268

■ 163.0620, 42.8604,
-27.2414

■ 181.6900, 33.6768,
-21.6531

■ 199.7310, 24.7826,
-15.5501

■ 218.3590, 15.5990,
-9.9618

■ 236.9870, 6.4154,
-4.3736

■ 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.



106.5540, 73.1839, -93.4479



107.7650, 70.1219, -44.5209



114.5630, 43.5994, 62.6502

Triad

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



107.7650, 70.1219, -44.5209



105.6190, -52.0702, 88.0341



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.



107.7650, 70.1219, -44.5209



199.2350, -70.1219, 44.5209

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.



84.4770, -34.2522, -74.0863



107.7650, 70.1219, -44.5209



111.2140, -54.8285, 39.2773

Square

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



107.7650, 70.1219, -44.5209



78.9630, -6.3908, 136.8444



103.5080, -51.0294, -12.7235



106.1250, 33.4624, -93.0716

Rectangle

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



107.7650, 70.1219, -44.5209



86.8520, 35.5690, 118.5248



103.5080, -51.0294, -12.7235



93.6650, -9.2018, -82.1442

Sweetspot

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



107.7650, 70.1219, -44.5209



211.5310, 21.4302, -13.6207



186.4790, 6.1729, -113.5531



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.



107.7650, 70.1219, -44.5209



80.2380, 86.1577, -54.5827



92.4570, 77.6687, 8.3692



115.8300, 4.5208, -3.3589



49.7220, 68.6641, -43.6062



16.3460, 22.0144, -14.3354

Inverse Universe

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



120.2930, -7.0464, 113.7530



95.7030, -8.7276, 139.7035



214.5430, -77.6687, -8.3692



116.3430, -0.1691, 7.5922



61.9830, -6.8936, 111.3939



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 107.7650, 70.1219, -44.5209 looks on a white background.

Color Contrast Check

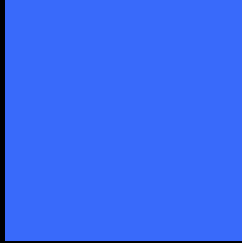
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.7650, 70.1219, -44.5209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

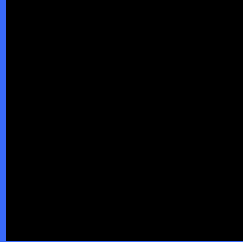
Any Text WCAG AA ✓ Pass

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 107.7650, 70.1219, -44.5209 Background



This preview shows how black text looks on a background with the YUV color 107.7650, 70.1219, -44.5209.



This preview shows how white text looks on a background with the YUV color 107.7650, 70.1219, -44.5209.

-44.5209.

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

107.7650, 70.1219, -44.5209

Protanopia

93.5770, 71.6935, -82.0670

Deuteranopia

93.9240, 55.2535, -82.3713



Tritanopia

92.1560, 23.0941, -80.8208

Trichromacy



Original Color

107.7650, 70.1219, -44.5209

Protanomaly

98.5510, 71.2134, -68.0122

Deuteranomaly

99.0920, 60.5936, -68.4867

Tritanomaly

97.7120, 40.0750, -67.2764

Monochromacy



Original Color

107.7650, 70.1219, -44.5209

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.6600, 25.8036, -16.3648

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7650, 70.1219, -44.5209 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(57, 106, 250)` looks like.

```
.text, #text, p{  
    color:rgb(57, 106, 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(57, 106, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 106, 250) }
```

Border

The CSS property to change the border of an element to YUV 107.7650, 70.1219, -44.5209 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(57, 106, 250) }
```


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

```
.border{ border-color:rgb(57, 106, 250) }
```

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

Here you see how a box with a 4 pixel rgb(57, 106, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 106, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 106, 250);  
box-shadow:4px 4px 4px 4px rgb(57, 106,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 107.7650, 70.1219, -44.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 106, 250) }
```

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

```
.background{ background-color: rgb(57, 106,  
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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