

Converting Colors

YUV(120.1080, 66.5018,
-50.0837)

Have a look what the booklet for
YUV(120.1080, 66.5018, -50.0837)
contains.

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Color

**YUV(120.1080, 66.5018,
-50.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	3F7BFF
RGB	63, 123, 255
RGB Percent	25%, 48%, 100%
CMY	0.7529, 0.5176, 0.0000
CMYK	0.75, 0.52, 0.00, 0.00
HSL	221°, 100%, 62%
HSV	221°, 75%, 100%
XYZ	27.1829, 22.4427, 97.5069
YIQ	120.1080, -78.1320, 28.3320

Conversions

Conversions Part 2

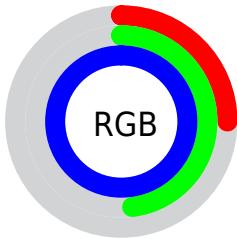
Format	Color
R _Y B	63, 109, 255
Decimal	4160511
CIE Lab	54.49, 25.57, -71.24
CIE LCh	54, 75.687, 289.747
Yxy	22.4427, 0.1848, 0.1525
Android (android.graphics.Color)	4282350591 (0xFF3F7BFF)
YUV	120.1080, 66.5018, -50.0837
Hunter-Lab	47.3737, 19.5187, -88.8720

Details

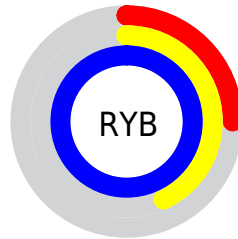
The YUV color **120.1080, 66.5018, -50.0837** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **197.8920, -66.5018, 50.0837**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1600, 40.8401, -32.5893**, and **66.4830, 64.3449, -58.3056** is the 20% darker color. If you saturate the color by 10%, you get **101.7680, 75.5434, -56.8015**, and if you desaturate by 10%, it is **138.4480, 57.4601, -43.3659**.

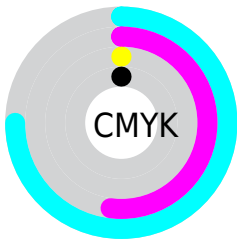
Distribution



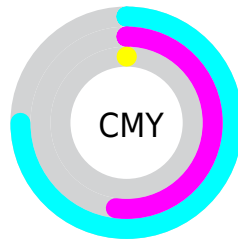
- Red (25%)
- Green (48%)
- Blue (100%)



- Red (25%)
- Yellow (43%)
- Blue (100%)



- Cyan (75%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1080, 66.5018, -50.0837 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 120.1080, 66.5018, -50.0837 by changing the saturation by 10% instead.

■ 120.1080, 66.5018,
-50.0837

■ 120.1080, 66.5018,
-50.0837

255.0000, 0.0000,
0.0000

■ 83.8770, 70.0666,
-73.5601

■ 172.1600, 40.8401,
-32.5893

■ 66.4830, 64.3449,
-58.3056

■ 197.5770, 28.3095,
-26.8160

■ 50.9640, 58.1917,
-44.6954

■ 223.5810, 15.4896,
-21.5575

■ 36.1460, 52.1860,
-31.7000

■ 247.5250, 3.6852,
-15.3694

■ 22.6160, 46.0383,
-19.8342

■ 17.3040, 35.8391,
-15.1756

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 120.1080, 66.5018,
-50.0837

■ 120.1080, 66.5018,
-50.0837

■ 101.7680, 75.5434,
-56.8015

■ 138.4480, 57.4601,
-43.3659

■ 84.3140, 84.1482,
-63.4194

■ 155.9020, 48.8553,
-36.7481

■ 76.0300, 88.2322,
-66.6783

■ 174.2420, 39.8137,
-30.0302

■ 191.6960, 31.2089,
-23.4124

■ 210.0360, 22.1673,
-16.6946

■ 227.4900, 13.5624,
-10.0767

■ 245.8300, 4.5208,
-3.3589

■ 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.



114.1850, 69.4218, -100.1402



120.1080, 66.5018, -50.0837



132.1820, 41.3223, 46.3214

Triad

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



120.1080, 66.5018, -50.0837



120.9870, -46.8286, 86.8344



104.1290, 0.4294, -91.3211

Complementary

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



120.1080, 66.5018, -50.0837



197.8920, -66.5018, 50.0837

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.



93.1000, -29.1363, -81.6487



120.1080, 66.5018, -50.0837



123.0640, -60.6706, 46.4249

Square

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



120.1080, 66.5018, -50.0837



114.7290, -11.6984, 112.4937



117.1630, -57.7614, -0.1430



113.0550, 29.5529, -99.1492

Rectangle

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



120.1080, 66.5018, -50.0837



124.1240, 26.0679, 85.8373



117.1630, -57.7614, -0.1430



100.9200, -9.3276, -88.5068

Sweetspot

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



120.1080, 66.5018, -50.0837



213.8790, 20.2727, -15.6799



190.6380, 1.6575, -111.9385



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.



120.1080, 66.5018, -50.0837



93.4840, 79.6274, -60.0605



95.3530, 78.7060, 2.3214



118.8300, 4.5208, -3.3589



56.9940, 66.0650, -49.9837



19.0360, 22.1673, -16.6946

Inverse Universe

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



127.2480, -2.0943, 112.0385



101.9780, -2.4542, 134.2003



222.6470, -78.7060, -2.3214



119.3430, -0.1691, 7.5922



63.9490, -1.9469, 111.4237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 120.1080, 66.5018, -50.0837 looks on a white background.

Color Contrast Check

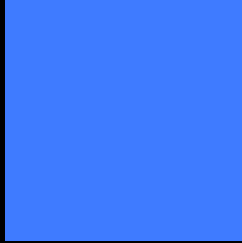
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1080, 66.5018, -50.0837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

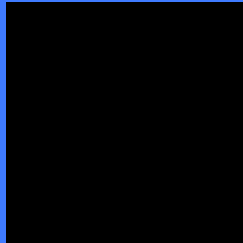
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

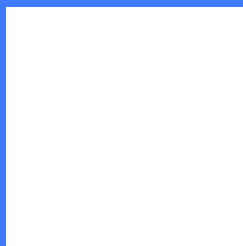
Any Text WCAG AAA × Fail

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

YUV 120.1080, 66.5018, -50.0837 Background



This preview shows how black text looks on a background with the YUV color 120.1080, 66.5018, -50.0837.



This preview shows how white text looks on a background with the YUV color 120.1080, 66.5018, -50.0837.

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

120.1080, 66.5018, -50.0837

Protanopia

116.4980, 68.2815, -60.9497

Deuteranopia

103.7040, 62.2639, -90.9484



Tritanopia

102.0840, 25.5946, -89.5277

Trichromacy



Original Color

120.1080, 66.5018, -50.0837

Protanomaly

117.7050, 67.6864, -56.7463

Deuteranomaly

109.8460, 63.6729, -76.1639

Tritanomaly

108.4830, 40.6809, -74.9686

Monochromacy



Original Color

120.1080, 66.5018, -50.0837

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8940, 24.2093, -18.3240

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1080, 66.5018, -50.0837 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(63, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(63, 123, 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(63, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 123, 255) }
```

Border

The CSS property to change the border of an element to YUV 120.1080, 66.5018, -50.0837 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(63, 123, 255) }
```


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

```
.border{ border-color:rgb(63, 123, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(63, 123,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 120.1080, 66.5018, -50.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 123, 255) }
```

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

```
.background{ background-color: rgb(63, 123,  
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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