

Converting Colors

YUV(116.0760, 65.0385,
-47.4247)

Have a look what the booklet for
YUV(116.0760, 65.0385, -47.4247)
contains.

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Color

**YUV(116.0760, 65.0385,
-47.4247)**

Conversions

Conversions Part 1

Format	Color
Hex	3E76F8
RGB	62, 118, 248
RGB Percent	24%, 46%, 97%
CMY	0.7569, 0.5373, 0.0275
CMYK	0.75, 0.52, 0.00, 0.03
HSL	222°, 93%, 61%
HSV	222°, 75%, 97%
XYZ	25.4083, 20.7583, 91.4745
YIQ	116.0760, -75.1060, 28.5580

Conversions

Conversions Part 2

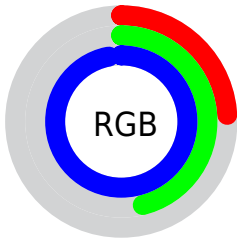
Format	Color
R _Y B	62, 105, 248
Decimal	4093688
CIE Lab	52.68, 26.04, -70.30
CIE LCh	53, 74.965, 290.328
Yxy	20.7583, 0.1846, 0.1508
Android (android.graphics.Color)	4282283768 (0xFF3E76F8)
YUV	116.0760, 65.0385, -47.4247
Hunter-Lab	45.5613, 19.8124, -87.1451

Details

The YUV color **116.0760, 65.0385, -47.4247** 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 **193.9240, -65.0385, 47.4247**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6270, 42.5819, -31.2449**, and **63.4510, 62.8817, -55.6465** is the 20% darker color. If you saturate the color by 10%, you get **98.6220, 73.6434, -54.0425**, and if you desaturate by 10%, it is **133.5300, 56.4337, -40.8068**.

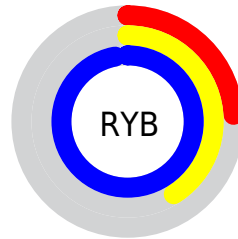
Distribution



Red (24%)

Green (46%)

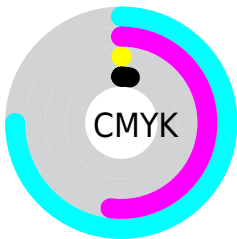
Blue (97%)



Red (24%)

Yellow (41%)

Blue (97%)

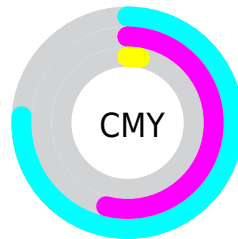


Cyan (75%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (76%)

Magenta (54%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0760, 65.0385, -47.4247 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 116.0760, 65.0385, -47.4247 by changing the saturation by 10% instead.

■ 116.0760, 65.0385,
-47.4247

■ 116.0760, 65.0385,
-47.4247

255.0000, 0.0000,
0.0000

■ 80.1440, 68.4560,
-70.2863

■ 168.6270, 42.5819,
-31.2449

■ 63.4510, 62.8817,
-55.6465

■ 194.0440, 30.0513,
-25.4716

■ 47.9320, 56.7285,
-42.0364

■ 219.1620, 17.6681,
-20.3131

■ 33.7010, 50.4334,
-29.5558

■ 245.7530, 4.5588,
-15.5694

■ 17.8230, 45.4433,
-15.6308

■ 16.0330, 33.5077,
-14.0609

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 116.0760, 65.0385,
-47.4247

■ 116.0760, 65.0385,
-47.4247

■ 98.6220, 73.6434,
-54.0425

■ 133.5300, 56.4337,
-40.8068

■ 80.5810, 82.5376,
-60.1455

■ 151.5710, 47.5395,
-34.7038

■ 72.2970, 86.6216,
-63.4045

■ 168.7260, 39.0821,
-28.7007

■ 186.1800, 30.4773,
-22.0829

■ 204.2210, 21.5830,
-15.9798

■ 221.6750, 12.9782,
-9.3620

■ 239.1290, 4.3734,
-2.7441

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



111.1360, 70.4320, -97.4663



116.0760, 65.0385, -47.4247



127.2530, 40.3013, 47.1361

Triad

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



116.0760, 65.0385, -47.4247



115.8620, -47.2600, 85.1900



100.8520, 0.5660, -88.4472

Complementary

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



116.0760, 65.0385, -47.4247



193.9240, -65.0385, 47.4247

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.



89.8230, -28.9997, -78.7748



116.0760, 65.0385, -47.4247



118.9220, -58.6285, 44.7954

Square

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



116.0760, 65.0385, -47.4247



109.6040, -12.1298, 110.8493



113.0210, -55.7194, -1.7724



109.6640, 29.2526, -96.1753

Rectangle

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



116.0760, 65.0385, -47.4247



119.0100, 25.6311, 85.9372



113.0210, -55.7194, -1.7724



97.6430, -9.1910, -85.6329

Sweetspot

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



116.0760, 65.0385, -47.4247



213.2920, 20.5620, -15.1651



185.6600, 1.6466, -108.4498



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.



116.0760, 65.0385, -47.4247



92.3100, 80.2062, -59.0309



93.3700, 76.2326, 2.3065



115.8300, 4.5208, -3.3589



55.0050, 66.0595, -48.2394



17.5200, 21.4356, -15.3650

Inverse Universe

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



123.9980, -2.9570, 108.7498



101.7500, -3.3277, 134.4002



216.6300, -76.2326, -2.3065



116.3430, -0.1691, 7.5922



63.0090, -2.9624, 110.4941



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 116.0760, 65.0385, -47.4247 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 116.0760, 65.0385, -47.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

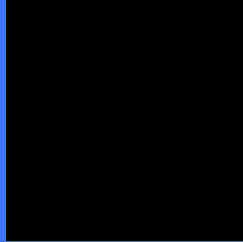
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.0760, 65.0385, -47.4247

Background



This preview shows how black text looks on a background with the YUV color 116.0760, 65.0385, -47.4247.



This preview shows how white text looks on a background with the YUV color 116.0760, 65.0385, -47.4247.

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

116.0760, 65.0385, -47.4247

Protanopia

109.2200, 69.8975, -65.9679

Deuteranopia

100.4440, 59.9271, -88.0894



Tritanopia

98.4650, 24.4208, -86.3538

Trichromacy



Original Color

116.0760, 65.0385, -47.4247

Protanomaly

111.5090, 68.2761, -59.2054

Deuteranomaly

105.9990, 61.6255, -72.7901

Tritanomaly

104.7500, 39.0703, -71.6947

Monochromacy



Original Color

116.0760, 65.0385, -47.4247

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0790, 23.6251, -17.6093

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0760, 65.0385, -47.4247 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(62, 118, 248)` looks like.

```
.text, #text, p{  
    color:rgb(62, 118, 248)  
}
```

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(62, 118, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 118, 248) }
```

Border

The CSS property to change the border of an element to YUV 116.0760, 65.0385, -47.4247 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(62, 118, 248) }
```


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

```
.border{ border-color:rgb(62, 118, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 118, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 118, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 118, 248);  
box-shadow:4px 4px 4px 4px rgb(62, 118,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 116.0760, 65.0385, -47.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 118, 248) }
```

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

```
.background{ background-color: rgb(62, 118,  
248) }
```

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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