

Converting Colors

YUV(116.2210, 68.4180,
-58.0758)

Have a look what the booklet for
YUV(116.2210, 68.4180, -58.0758)
contains.

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Color

**YUV(116.2210, 68.4180,
-58.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	327BFF
RGB	50, 123, 255
RGB Percent	20%, 48%, 100%
CMY	0.8039, 0.5176, 0.0000
CMYK	0.80, 0.52, 0.00, 0.00
HSL	219°, 100%, 60%
HSV	219°, 80%, 100%
XYZ	26.4484, 22.0640, 97.4725
YIQ	116.2210, -85.8800, 25.5760

Conversions

Conversions Part 2

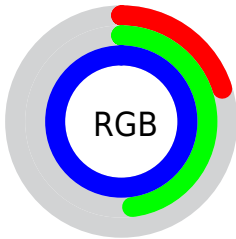
Format	Color
R _Y B	50, 104, 255
Decimal	3308543
CIE Lab	54.09, 24.30, -71.90
CIE LCh	54, 75.895, 288.671
Yxy	22.0640, 0.1812, 0.1511
Android (android.graphics.Color)	4281498623 (0xFF327BFF)
YUV	116.2210, 68.4180, -58.0758
Hunter-Lab	46.9724, 18.3049, -90.1523

Details

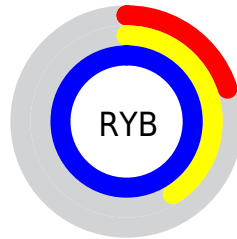
The YUV color **116.2210, 68.4180, -58.0758** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **188.7790, -68.4180, 58.0758**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0670, 41.8720, -36.8928**, and **67.0700, 64.0555, -58.8204** is the 20% darker color. If you saturate the color by 10%, you get **99.0550, 76.8809, -65.8232**, and if you desaturate by 10%, it is **133.3870, 59.9552, -50.3284**.

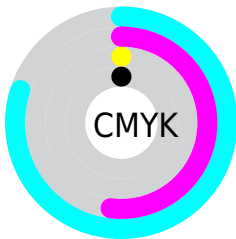
Distribution



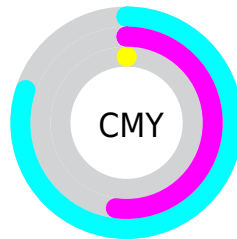
- Red (20%)
- Green (48%)
- Blue (100%)



- Red (20%)
- Yellow (41%)
- Blue (100%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2210, 68.4180, -58.0758 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 116.2210, 68.4180, -58.0758 by changing the saturation by 10% instead.

■ 116.2210, 68.4180,
-58.0758

■ 116.2210, 68.4180,
-58.0758

255.0000, 0.0000,
0.0000

■ 83.8770, 70.0666,
-73.5601

■ 170.0670, 41.8720,
-36.8928

■ 67.0700, 64.0555,
-58.8204

■ 195.4840, 29.3414,
-31.1195

■ 50.9640, 58.1917,
-44.6954

■ 221.4880, 16.5214,
-25.8610

■ 36.7330, 51.8966,
-32.2148

■ 245.7310, 4.5696,
-19.0581

■ 22.6160, 46.0383,
-19.8342

■ 17.8910, 35.5497,
-15.6904

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 116.2210, 68.4180,
-58.0758

■ 116.2210, 68.4180,
-58.0758

■ 99.0550, 76.8809,
-65.8232

■ 133.3870, 59.9552,
-50.3284

■ 82.4870, 85.0489,
-72.3411

■ 150.8410, 51.3504,
-43.7106

■ 168.0070, 42.8875,
-35.9631

■ 185.4610, 34.2827,
-29.3453

■ 202.6270, 25.8199,
-21.5979

■ 220.0810, 17.2151,
-14.9800

■ 237.2470, 8.7522,
-7.2326

■ 254.1140, 0.4368,
-0.1000

■ 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



116.2210, 68.4180, -58.0758



131.1000, 42.3487, 43.7623

Triad

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



116.2210, 68.4180, -58.0758



119.6390, -45.6710, 88.8936



103.0860, -1.0284, -90.4064

Complementary

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



116.2210, 68.4180, -58.0758



188.7790, -68.4180, 58.0758

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.



91.9430, -31.0309, -80.6340



116.2210, 68.4180, -58.0758



122.1890, -60.2392, 48.0692

Square

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



116.2210, 68.4180, -58.0758



112.7830, -10.2460, 113.3233



116.8750, -57.6194, 0.9866



112.1260, 28.5319, -98.3345

Rectangle

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



116.2210, 68.4180, -58.0758



123.6400, 26.7995, 84.5077



116.8750, -57.6194, 0.9866



99.8770, -10.7854, -87.5921

Sweetspot

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



116.2210, 68.4180, -58.0758



213.8680, 20.2781, -17.4242



185.1550, -2.5414, -118.5309



102.8490, 12.3994, -10.3916



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.



116.2210, 68.4180, -58.0758



88.9990, 81.8385, -69.2821



81.4430, 85.5636, -3.8965



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Inverse Universe

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



119.6170, 1.6678, 118.7309



93.1730, 1.8867, 141.9223



223.5570, -85.5636, 3.8965



119.3430, -0.1691, 7.5922



64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 116.2210, 68.4180, -58.0758 looks on a white background.

Color Contrast Check

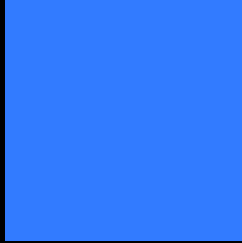
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2210, 68.4180, -58.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

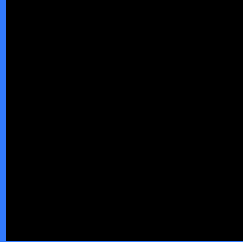
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

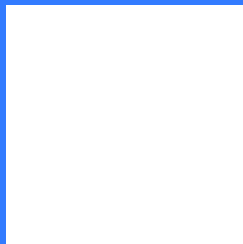
Any Text WCAG AAA × Fail

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

YUV 116.2210, 68.4180, -58.0758 Background



This preview shows how black text looks on a background with the YUV color 116.2210, 68.4180, -58.0758.

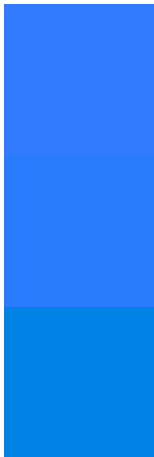


This preview shows how white text looks on a background with the YUV color 116.2210, 68.4180, -58.0758.

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

116.2210, 68.4180, -58.0758

Protanopia

114.4160, 69.3079, -63.5088

Deuteranopia

102.8890, 61.6797, -90.2337



Tritanopia

101.2690, 25.0104, -88.8129

Trichromacy



Original Color

116.2210, 68.4180, -58.0758

Protanomaly

115.3130, 68.8657, -61.6645

Deuteranomaly

107.6500, 64.2625, -78.6231

Tritanomaly

106.7600, 40.5443, -77.8425

Monochromacy



Original Color

116.2210, 68.4180, -58.0758

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3990, 24.9463, -21.3979

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2210, 68.4180, -58.0758 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(50, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(50, 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(50, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 123, 255) }
```

Border

The CSS property to change the border of an element to YUV 116.2210, 68.4180, -58.0758 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(50, 123, 255) }
```


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

```
.border{ border-color:rgb(50, 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(50, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(50, 123,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 116.2210, 68.4180, -58.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 123, 255) }
```

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

```
.background{ background-color: rgb(50, 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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