

Converting Colors

YUV(116.1670, 66.9657,
-58.9055)

Have a look what the booklet for
YUV(116.1670, 66.9657, -58.9055)
contains.

YUV(116.1670, 66.9657, -58.9055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.1670, 66.9657,
-58.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	317CFC
RGB	49, 124, 252
RGB Percent	19%, 49%, 99%
CMY	0.8078, 0.5137, 0.0118
CMYK	0.81, 0.51, 0.00, 0.01
HSL	218°, 97%, 59%
HSV	218°, 81%, 99%
XYZ	26.0450, 22.0965, 94.9878
YIQ	116.1670, -85.7880, 23.9080

Conversions

Conversions Part 2

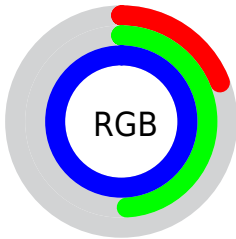
Format	Color
R _Y B	49, 104, 252
Decimal	3243260
CIE Lab	54.13, 22.48, -70.19
CIE LCh	54, 73.702, 287.759
Yxy	22.0965, 0.1820, 0.1544
Android (android.graphics.Color)	4281433340 (0xFF317CFC)
YUV	116.1670, 66.9657, -58.9055
Hunter-Lab	47.0070, 16.6386, -86.9035

Details

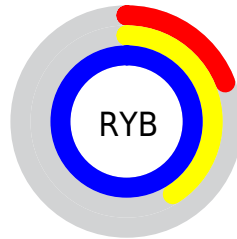
The YUV color **116.1670, 66.9657, -58.9055** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **184.8330, -66.9657, 58.9055**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0560, 41.8774, -38.6371**, and **66.7280, 62.7451, -58.5205** is the 20% darker color. If you saturate the color by 10%, you get **99.3000, 75.2811, -66.0381**, and if you desaturate by 10%, it is **133.0340, 58.6502, -51.7728**.

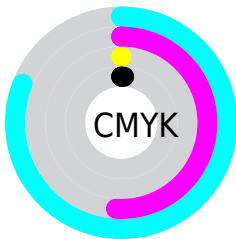
Distribution



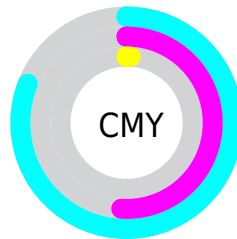
- Red (19%)
- Green (49%)
- Blue (99%)



- Red (19%)
- Yellow (41%)
- Blue (99%)



- Cyan (81%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (81%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1670, 66.9657, -58.9055 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 116.1670, 66.9657, -58.9055 by changing the saturation by 10% instead.

■ 116.1670, 66.9657,
-58.9055

■ 116.1670, 66.9657,
-58.9055

255.0000, 0.0000,
0.0000

■ 84.1220, 68.4669,
-73.7750

■ 170.0560, 41.8774,
-38.6371

■ 66.7280, 62.7451,
-58.5205

■ 195.7720, 29.1994,
-32.2490

■ 51.3230, 57.0288,
-45.0103

■ 221.7760, 16.3794,
-26.9906

■ 36.3910, 50.5862,
-31.9149

■ 245.1330, 4.8644,
-20.2876

■ 22.8610, 44.4385,
-20.0491

254.7010, 0.1474,
-0.6148

■ 17.0760, 34.9655,
-14.9757

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 116.1670, 66.9657,
-58.9055

■ 116.1670, 66.9657,
-58.9055

■ 99.3000, 75.2811,
-66.0381

■ 133.0340, 58.6502,
-51.7728

■ 83.3190, 83.1597,
-73.0708

■ 149.9010, 50.3348,
-44.6402

■ 167.0670, 41.8720,
-36.8928

■ 183.9340, 33.5565,
-29.7601

■ 200.2140, 25.5305,
-22.1127

■ 217.0810, 17.2151,
-14.9800

■ 233.9480, 8.8996,
-7.8474

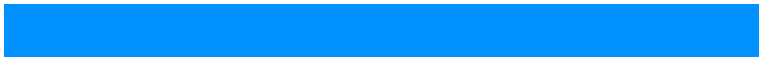
■ 251.1140, 0.4368,
-0.1000

■ 254.6580, -1.3104,
0.2999

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



116.1670, 66.9657, -58.9055



131.8500, 41.4860, 40.4736

Triad

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



116.1670, 66.9657, -58.9055



120.6110, -43.1922, 87.1642



102.9720, -1.4652, -90.3064

Complementary

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



116.1670, 66.9657, -58.9055



184.8330, -66.9657, 58.9055

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.



99.3580, -33.7005, -64.3350



116.1670, 66.9657, -58.9055



121.9010, -60.0972, 49.1988

Square

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



116.1670, 66.9657, -58.9055



115.4620, -10.0878, 109.2198



117.1850, -57.7722, 3.3458



111.1970, 27.5109, -97.5198

Rectangle

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



116.1670, 66.9657, -58.9055



124.9060, 26.6683, 79.8894



117.1850, -57.7722, 3.3458



99.2900, -10.4960, -87.0773

Sweetspot

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



116.1670, 66.9657, -58.9055



213.8680, 20.2781, -17.4242



182.4110, -4.1466, -117.0014



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.



116.1670, 66.9657, -58.9055



89.5750, 81.5545, -71.5413



79.3180, 85.1322, -5.5409



116.4170, 4.2314, -3.8737



62.6360, 62.2975, -54.9318



20.4550, 19.9887, -17.9390

Inverse Universe

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



118.2470, 2.8362, 117.3014



92.2270, 3.3391, 142.7519



221.6820, -85.1322, 5.5409



116.4570, 0.2677, 7.4922



64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 116.1670, 66.9657, -58.9055 looks on a white background.

Color Contrast Check

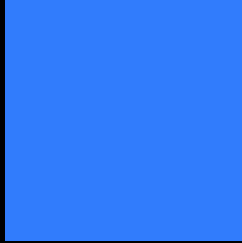
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1670, 66.9657, -58.9055 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

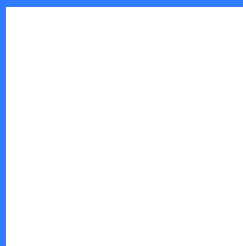
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 116.1670, 66.9657, -58.9055

Background



This preview shows how black text looks on a background with the YUV color 116.1670, 66.9657, -58.9055.



This preview shows how white text looks on a background with the YUV color 116.1670, 66.9657, -58.9055.

-58.9055.

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

116.1670, 66.9657, -58.9055

Protanopia

116.1670, 66.9657, -58.9055

Deuteranopia

103.0030, 62.1165, -90.3336



Tritanopia

101.2690, 25.0104, -88.8129

Trichromacy



Original Color

116.1670, 66.9657, -58.9055

Protanomaly

116.1670, 66.9657, -58.9055

Deuteranomaly

107.5360, 63.8258, -78.5231

Tritanomaly

106.6460, 40.1075, -77.7425

Monochromacy



Original Color

116.1670, 66.9657, -58.9055

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1710, 24.0727, -21.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1670, 66.9657, -58.9055 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(49, 124, 252)` looks like.

```
.text, #text, p{  
    color:rgb(49, 124, 252)  
}
```

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(49, 124, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 124, 252) }
```

Border

The CSS property to change the border of an element to YUV 116.1670, 66.9657, -58.9055 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(49, 124, 252) }
```


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

```
.border{ border-color:rgb(49, 124, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 124, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 124, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 124, 252);  
box-shadow:4px 4px 4px 4px rgb(49, 124,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 116.1670, 66.9657, -58.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 124, 252) }
```

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

```
.background{ background-color: rgb(49, 124,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor