

Converting Colors

YUV(85.5850, 66.2666,
-68.0420)

Have a look what the booklet for
YUV(85.5850, 66.2666, -68.0420)
contains.

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Color

**YUV(85.5850, 66.2666,
-68.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	0863DC
RGB	8, 99, 220
RGB Percent	3%, 39%, 86%
CMY	0.9686, 0.6118, 0.1373
CMYK	0.96, 0.55, 0.00, 0.14
HSL	214°, 93%, 45%
HSV	214°, 96%, 86%
XYZ	17.4802, 14.1426, 69.5186
YIQ	85.5850, -93.0770, 18.3390

Conversions

Conversions Part 2

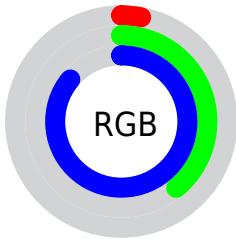
Format	Color
RYB	8, 72, 220
Decimal	549852
CIELab	44.44, 23.84, -68.02
CIELCh	44, 72.072, 289.314
Yxy	14.1426, 0.1728, 0.1398
Android (android.graphics.Color)	4278739932 (0xFF0863DC)
YUV	85.5850, 66.2666, -68.0420
Hunter-Lab	37.6067, 17.1583, -83.2772

Details

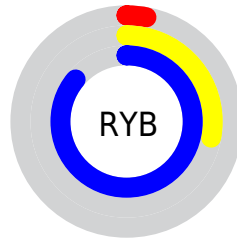
The YUV color **85.5850, 66.2666, -68.0420** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **142.4150, -66.2666, 68.0420**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9280, 52.7865, -37.6479**, and **50.3940, 56.0078, -44.1955** is the 20% darker color. If you saturate the color by 10%, you get **80.2580, 68.8928, -70.3863**, and if you desaturate by 10%, it is **99.7940, 59.2616, -61.2093**.

Distribution



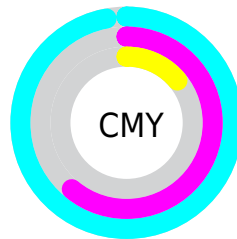
- Red (3%)
- Green (39%)
- Blue (86%)



- Red (3%)
- Yellow (28%)
- Blue (86%)



- Cyan (96%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (97%)
- Magenta (61%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5850, 66.2666, -68.0420 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 85.5850, 66.2666, -68.0420 by changing the saturation by 10% instead.

■ 85.5850, 66.2666,
-68.0420

■ 85.5850, 66.2666,
-68.0420

■ 255.0000, 0.0000,
0.0000

■ 66.5000, 61.8715,
-58.3205

■ 147.9280, 52.7865,
-37.6479

■ 50.3940, 56.0078,
-44.1955

■ 173.0570, 40.3979,
-30.7450

■ 35.5760, 50.0020,
-31.2002

■ 198.7620, 27.7253,
-26.1013

■ 22.0460, 43.8543,
-19.3343

■ 224.4670, 15.0528,
-21.4576

■ 16.7340, 33.6551,
-14.6757

■ 247.8240, 3.5378,
-14.7546

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 85.5850, 66.2666,
-68.0420

■ 85.5850, 66.2666,
-68.0420

■ 80.2580, 68.8928,
-70.3863

■ 99.7940, 59.2616,
-61.2093

■ 113.4160, 52.5459,
-53.8618

■ 127.6250, 45.5409,
-47.0291

■ 141.2470, 38.8252,
-39.6816

■ 155.4560, 31.8202,
-32.8489

■ 169.0780, 25.1045,
-25.5014

■ 183.2870, 18.0995,
-18.6687

■ 196.9090, 11.3839,
-11.3212

■ 211.1180, 4.3788,
-4.4885

Harmonies

Analogous

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



95.3890, 63.4052, -83.6562



85.5850, 66.2666, -68.0420



105.4650, 38.7178, 41.6882

Triad

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



85.5850, 66.2666, -68.0420



93.5240, -44.6283, 81.1015



84.9570, -1.9508, -74.5073

Complementary

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



85.5850, 66.2666, -68.0420



142.4150, -66.2666, 68.0420

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.



73.4720, -33.2637, -64.4349



85.5850, 66.2666, -68.0420



99.4190, -49.0136, 40.8515

Square

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



85.5850, 66.2666, -68.0420



81.6130, -5.7252, 109.9644



94.4260, -46.5520, -2.1276



92.6120, 24.8413, -81.2207

Rectangle

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



85.5850, 66.2666, -68.0420



94.3300, 26.9523, 82.1486



94.4260, -46.5520, -2.1276



81.8620, -11.2710, -71.7930

Sweetspot

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



85.5850, 66.2666, -68.0420



208.2200, 23.0625, -23.8719



146.1240, -8.9351, -121.1347



99.2830, 14.1575, -14.2802



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.



85.5850, 66.2666, -68.0420



93.0530, 79.8399, -81.6075



36.3540, 90.5375, -12.5885



102.6020, 3.6472, -3.1590



63.1600, 54.1511, -55.3913



16.9840, 14.3049, -14.8950

Inverse Universe

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



81.7620, 8.4983, 121.2347



88.6710, 10.0222, 145.8705



191.6460, -90.5375, 12.5885



102.7450, 0.1257, 6.3626



60.1630, 6.8216, 98.9580



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 85.5850, 66.2666, -68.0420 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 85.5850, 66.2666, -68.0420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

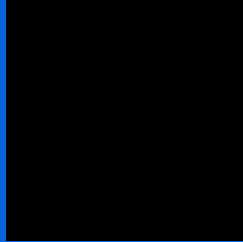
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

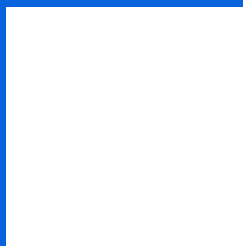
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.5850, 66.2666, -68.0420

Background



This preview shows how black text looks on a background with the YUV color 85.5850, 66.2666, -68.0420.



This preview shows how white text looks on a background with the YUV color 85.5850, 66.2666, -68.0420.

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

85.5850, 66.2666, -68.0420

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

83.7850, 49.4060, -73.4794



Tritanopia

82.1140, 20.1568, -72.0140

Trichromacy



Original Color

85.5850, 66.2666, -68.0420

Protanomaly

84.2210, 64.9670, -71.2308

Deuteranomaly

84.4030, 55.5103, -71.3904

Tritanomaly

83.4790, 36.7389, -70.5801

Monochromacy



Original Color

85.5850, 66.2666, -68.0420

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1490, 24.0835, -24.6867

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5850, 66.2666, -68.0420 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(8, 99, 220)` looks like.

```
.text, #text, p{  
    color:rgb(8, 99, 220)  
}
```

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(8, 99, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 99, 220) }
```

Border

The CSS property to change the border of an element to YUV 85.5850, 66.2666, -68.0420 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(8, 99, 220) }
```


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

```
.border{ border-color:rgb(8, 99, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 99, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 99, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 99, 220);  
box-shadow:4px 4px 4px 4px rgb(8, 99, 220)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.5850, 66.2666, -68.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 99, 220) }
```

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

```
.background{ background-color: rgb(8, 99,  
220) }
```

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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