

Converting Colors

YUV(89.3380, 54.0634,
-73.9644)

Have a look what the booklet for
YUV(89.3380, 54.0634, -73.9644)
contains.

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Color

**YUV(89.3380, 54.0634,
-73.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	056FC7
RGB	5, 111, 199
RGB Percent	2%, 44%, 78%
CMY	0.9804, 0.5647, 0.2196
CMYK	0.97, 0.44, 0.00, 0.22
HSL	207°, 95%, 40%
HSV	207°, 97%, 78%
XYZ	16.0558, 15.5247, 56.1832
YIQ	89.3380, -91.4240, 4.8960

Conversions

Conversions Part 2

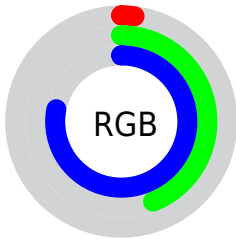
Format	Color
RYB	5, 74, 199
Decimal	356295
CIELab	46.34, 7.67, -52.92
CIELCh	46, 53.478, 278.247
Yxy	15.5247, 0.1829, 0.1769
Android (android.graphics.Color)	4278546375 (0xFF056FC7)
YUV	89.3380, 54.0634, -73.9644
Hunter-Lab	39.4014, 3.7854, -56.9618

Details

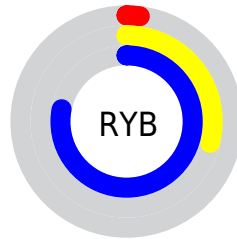
The YUV color **89.3380, 54.0634, -73.9644** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **114.6620, -54.0634, 73.9644**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4660, 50.0563, -48.6437**, and **53.9840, 44.3779, -47.3440** is the 20% darker color. If you saturate the color by 10%, you get **86.6690, 55.3792, -76.0087**, and if you desaturate by 10%, it is **100.6010, 48.5107, -66.3021**.

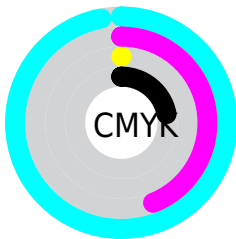
Distribution



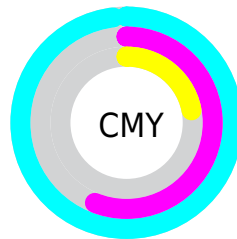
- Red (2%)
- Green (44%)
- Blue (78%)



- Red (2%)
- Yellow (29%)
- Blue (78%)



- Cyan (97%)
- Magenta (44%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3380, 54.0634, -73.9644 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 89.3380, 54.0634, -73.9644 by changing the saturation by 10% instead.

■ 89.3380, 54.0634,
-73.9644

■ 89.3380, 54.0634,
-73.9644

■ 255.0000, 0.0000,
0.0000

■ 70.5630, 49.5154,
-61.8838

■ 153.4660, 50.0563,
-48.6437

■ 53.9840, 44.3779,
-47.3440

■ 178.8830, 37.5257,
-42.8704

■ 38.6930, 39.0984,
-33.9338

■ 204.2890, 25.0005,
-38.8415

■ 24.6900, 33.6768,
-21.6531

■ 229.9940, 12.3280,
-34.1977

■ 12.5620, 27.8239,
-11.0169

■ 244.8340, 5.0118,
-20.9024

■ 6.8910, 18.7877,
-6.0434

■ 254.1030, 0.4422,

■ 3.3230, 10.1938,

-1.8443

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 89.3380, 54.0634,
-73.9644

■ 89.3380, 54.0634,
-73.9644

■ 86.6690, 55.3792,
-76.0087

■ 100.6010, 48.5107,
-66.3021

■ 111.8640, 42.9580,
-58.6397

■ 123.1270, 37.4054,
-50.9774

■ 134.3900, 31.8527,
-43.3150

■ 145.6530, 26.3001,
-35.6527

■ 156.6170, 20.8948,
-28.6051

■ 167.8800, 15.3422,
-20.9428

■ 179.1430, 9.7895,
-13.2804

■ 190.4060, 4.2368,
-5.6181

Harmonies

Analogous

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



94.2030, 48.7069, -82.6160



89.3380, 54.0634, -73.9644



112.6110, 33.7158, 12.6192

Triad

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



89.3380, 54.0634, -73.9644



105.8270, -24.0717, 67.6807



83.6860, -4.2822, -73.3926

Complementary

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



89.3380, 54.0634, -73.9644



114.6620, -54.0634, 73.9644

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.



97.3770, -32.2309, -22.2556



89.3380, 54.0634, -73.9644



105.1730, -42.4833, 46.3293

Square

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



89.3380, 54.0634, -73.9644



105.6640, -3.2854, 73.9627



101.6240, -50.1006, 16.1158



90.6910, 14.9423, -79.5360

Rectangle

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



89.3380, 54.0634, -73.9644



111.9370, 22.7091, 43.0283



101.6240, -50.1006, 16.1158



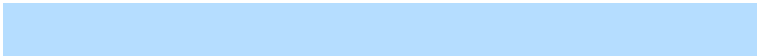
82.8840, -11.2818, -68.3043

Sweetspot

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



89.3380, 54.0634, -73.9644



212.9160, 20.7474, -27.9903



128.7960, -18.1404, -108.5691



102.2180, 12.7105, -16.8542



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.



89.3380, 54.0634, -73.9644



110.6630, 71.1581, -97.0515



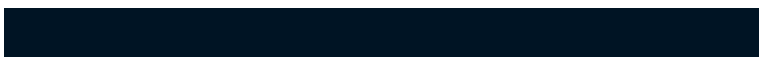
32.9860, 81.8449, -24.5437



93.9610, 2.4842, -3.4738



70.8250, 45.4423, -62.1135



15.8440, 9.9369, -13.8952

Inverse Universe

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



75.0900, 17.7036, 108.6691



92.0910, 23.1261, 142.8712



171.0140, -81.8449, 24.5437



93.2610, 0.8573, 5.0331



58.8830, 14.8477, 91.3106



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 89.3380, 54.0634, -73.9644 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 89.3380, 54.0634, -73.9644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

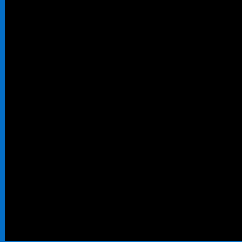
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3380, 54.0634, -73.9644

Background



This preview shows how black text looks on a background with the YUV color 89.3380, 54.0634, -73.9644.



This preview shows how white text looks on a background with the YUV color 89.3380, 54.0634, -73.9644.

-73.9644.

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

89.3380, 54.0634, -73.9644

Protanopia

104.6700, 44.0397, -32.1596

Deuteranopia

87.6150, 53.9268, -76.8384



Tritanopia

86.4340, 21.4780, -75.8026

Trichromacy



Original Color

89.3380, 54.0634, -73.9644

Protanomaly

99.1950, 47.7249, -47.5290

Deuteranomaly

88.3270, 54.0688, -75.7088

Tritanomaly

87.5340, 33.2607, -75.0133

Monochromacy



Original Color

89.3380, 54.0634, -73.9644

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9870, 19.7264, -27.1756

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3380, 54.0634, -73.9644 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(5, 111, 199)` looks like.

```
.text, #text, p{  
    color:rgb(5, 111, 199)  
}
```

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(5, 111, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 111, 199) }
```

Border

The CSS property to change the border of an element to YUV 89.3380, 54.0634, -73.9644 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(5, 111, 199) }
```


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

```
.border{ border-color:rgb(5, 111, 199) }
```

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

Here you see how a box with a 4 pixel rgb(5, 111, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 111, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 111, 199);  
box-shadow:4px 4px 4px 4px rgb(5, 111,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 89.3380, 54.0634, -73.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 111, 199) }
```

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

```
.background{ background-color: rgb(5, 111,  
199) }
```

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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