

Converting Colors

YUV(78.3850, 63.4072, 9.3094)

Have a look what the booklet for
YUV(78.3850, 63.4072, 9.3094)
contains.

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Color

**YUV(78.3850, 63.4072,
9.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	5930CF
RGB	89, 48, 207
RGB Percent	35%, 19%, 81%
CMY	0.6510, 0.8118, 0.1882
CMYK	0.57, 0.77, 0.00, 0.19
HSL	255°, 62%, 50%
HSV	255°, 77%, 81%
XYZ	16.4393, 8.7427, 59.8526
YIQ	78.3850, -26.6030, 58.1410

Conversions

Conversions Part 2

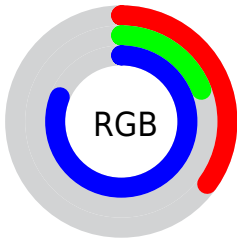
Format	Color
R_{YB}	89, 48, 207
Decimal	5845199
CIE _{Lab}	35.48, 56.67, -75.07
CIE _{LCh}	35, 94.055, 307.048
Yxy	8.7427, 0.1933, 0.1028
Android (android.graphics.Color)	4284035279 (0xFF5930CF)
YUV	78.3850, 63.4072, 9.3094
Hunter-Lab	29.5681, 47.4980, -99.3186

Details

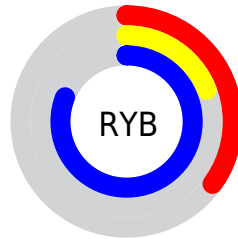
The YUV color **78.3850, 63.4072, 9.3094** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **176.6150, -63.4072, -9.3094**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0330, 60.6227, 15.7571**, and **17.2140, 65.9565, -15.0967** is the 20% darker color. If you saturate the color by 10%, you get **61.5730, 71.6955, 10.8985**, and if you desaturate by 10%, it is **95.1970, 55.1189, 7.7202**.

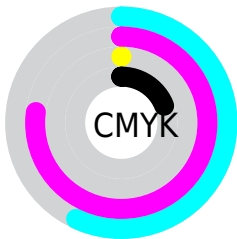
Distribution



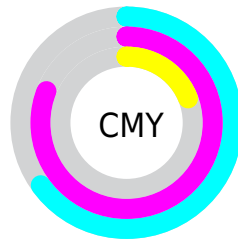
- Red (35%)
- Green (19%)
- Blue (81%)



- Red (35%)
- Yellow (19%)
- Blue (81%)



- Cyan (57%)
- Magenta (77%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (81%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3850, 63.4072, 9.3094 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 78.3850, 63.4072, 9.3094 by changing the saturation by 10% instead.

■ 78.3850, 63.4072,
9.3094

■ 78.3850, 63.4072,
9.3094

■ 255.0000, 0.0000,
0.0000

■ 49.1780, 64.0022,
5.1059

■ 132.0330, 60.6227,
15.7571

■ 17.2140, 65.9565,
-15.0967

■ 156.5640, 48.5289,
21.4304

■ 14.1360, 54.1630,
-12.3973

■ 181.3830, 36.2932,
25.9741

■ 11.1720, 42.8062,
-9.7978

■ 206.7890, 23.7680,
30.0030

■ 13.6050, 29.2817,
-11.9316

■ 227.4110, 13.6014,
24.1956

■ 8.0480, 20.6823,
-7.0581

■ 244.4340, 5.2090,

■ 3.7790, 11.9410,

9.2664

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 78.3850, 63.4072,
9.3094

■ 78.3850, 63.4072,
9.3094

■ 61.5730, 71.6955,
10.8985

■ 95.1970, 55.1189,
7.7202

■ 45.0490, 79.8418,
11.3580

■ 111.7210, 46.9725,
7.2607

■ 39.4450, 82.6046,
11.8877

■ 128.5330, 38.6842,
5.6716

■ 145.3450, 30.3959,
4.0824

■ 162.4560, 21.9602,
3.1081

■ 178.6810, 13.9613,
2.0338

■ 195.7920, 5.5255,
1.0594

■ 212.6040, -2.7628,
-0.5297

■ 228.8290,
-10.7617, -1.6040

Harmonies

Analogous

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



80.5490, 77.6233, -70.6415



78.3850, 63.4072, 9.3094



70.2360, 36.3657, 96.2630

Triad

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



78.3850, 63.4072, 9.3094



75.6510, -37.2959, 62.5731



75.3830, 12.1362, -66.1109

Complementary

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



78.3850, 63.4072, 9.3094



176.6150, -63.4072, -9.3094

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.



64.1770, -25.7233, -56.2832



78.3850, 63.4072, 9.3094



77.0820, -38.0014, 8.6981

Square

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



78.3850, 63.4072, 9.3094



56.5110, -27.8599, 116.1929



59.2870, -29.2285, -51.9947



85.1070, 44.3172, -74.6388

Rectangle

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



78.3850, 63.4072, 9.3094



70.9290, 11.8670, 114.0723



59.2870, -29.2285, -51.9947



72.4190, 0.7794, -63.5115

Sweetspot

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



78.3850, 63.4072, 9.3094



207.2110, 23.5600, 3.3230



135.9790, 35.0134, -77.1576



98.7950, 14.3981, 1.9338



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.



78.3850, 63.4072, 9.3094



65.0290, 93.6557, 14.0066



101.7070, 51.9094, 57.2620



96.1510, 4.3626, 0.7446



32.0090, 67.0436, 9.6391



7.9630, 16.2872, 2.6634

Inverse Universe

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



108.9930, 28.1045, 85.9521



110.2150, 41.7990, 126.9764



153.2930, -51.9094, -57.2620



98.2010, 1.8729, 5.9627



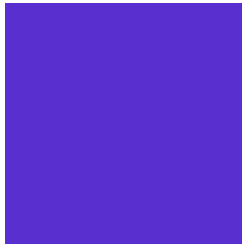
64.4820, 29.8354, 90.7853



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 78.3850, 63.4072, 9.3094 looks on a white background.

Color Contrast Check

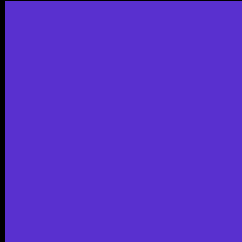
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 78.3850, 63.4072, 9.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

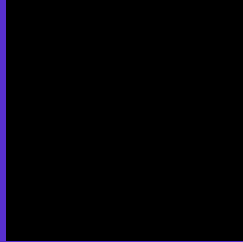
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3850, 63.4072, 9.3094

Background



This preview shows how black text looks on a background with the YUV color 78.3850, 63.4072, 9.3094.



This preview shows how white text looks on a background with the YUV color 78.3850, 63.4072,

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

78.3850, 63.4072, 9.3094

Protanopia

66.2260, 50.6676, -58.0802

Deuteranopia

67.0120, 38.4481, -58.7695



Tritanopia

77.6420, 9.5435, -27.7500

Trichromacy



Original Color

78.3850, 63.4072, 9.3094

Protanomaly

70.3460, 55.5384, -33.6294

Deuteranomaly

70.9840, 47.8289, -34.1890

Tritanomaly

78.1810, 28.9978, -14.1907

Monochromacy



Original Color

78.3850, 63.4072, 9.3094

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0970, 23.1232, 3.4229

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3850, 63.4072, 9.3094 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(89, 48, 207)` looks like.

```
.text, #text, p{  
    color:rgb(89, 48, 207)  
}
```

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(89, 48, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 48, 207) }
```

Border

The CSS property to change the border of an element to YUV 78.3850, 63.4072, 9.3094 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(89, 48, 207) }
```


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

```
.border{ border-color:rgb(89, 48, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 48, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 48, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 48, 207);  
box-shadow:4px 4px 4px 4px rgb(89, 48,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 78.3850, 63.4072, 9.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 48, 207) }
```

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

```
.background{ background-color: rgb(89, 48,  
207) }
```

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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