

Converting Colors

YUV(59.5960, 93.8692, 38.9423)

Have a look what the booklet for
YUV(59.5960, 93.8692, 38.9423)
contains.

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Color

**YUV(59.5960, 93.8692,
38.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	6800FA
RGB	104, 0, 250
RGB Percent	41%, 0%, 98%
CMY	0.5922, 1.0000, 0.0196
CMYK	0.58, 1.00, 0.00, 0.02
HSL	265°, 100%, 49%
HSV	265°, 100%, 98%
XYZ	22.9642, 9.8452, 91.1324
YIQ	59.5960, -18.2660, 99.7980

Conversions

Conversions Part 2

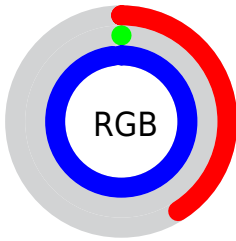
Format	Color
RYB	104, 0, 250
Decimal	6815994
CIELab	37.56, 80.54, -96.13
CIELCh	38, 125.411, 309.957
Yxy	9.8452, 0.1853, 0.0794
Android (android.graphics.Color)	4285006074 (0xFF6800FA)
YUV	59.5960, 93.8692, 38.9423
Hunter-Lab	31.3770, 75.7308, -150.2398

Details

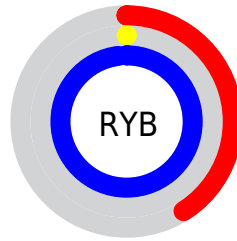
The YUV color **59.5960, 93.8692, 38.9423** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **190.4040, -93.8692, -38.9423**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5720, 63.3150, 38.9634**, and **21.8880, 83.8652, -19.1958** is the 20% darker color. If you saturate the color by 10%, you get **59.5960, 93.8692, 38.9423**, and if you desaturate by 10%, it is **78.7560, 84.4233, 35.2940**.

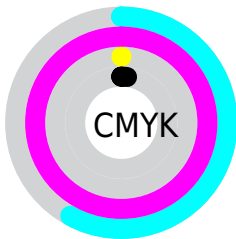
Distribution



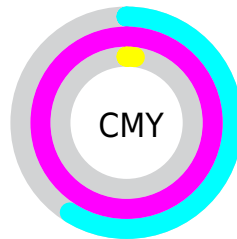
- Red (41%)
- Green (0%)
- Blue (98%)



- Red (41%)
- Yellow (0%)
- Blue (98%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (59%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5960, 93.8692, 38.9423 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 59.5960, 93.8692, 38.9423 by changing the saturation by 10% instead.

■ 59.5960, 93.8692,
38.9423

■ 59.5960, 93.8692,
38.9423

■ 255.0000, 0.0000,
0.0000

■ 44.9280, 86.8035,
18.4801

■ 126.5720, 63.3150,
38.9634

■ 21.8880, 83.8652,
-19.1958

■ 153.1630, 50.2056,
43.7070

■ 18.6960, 71.6349,
-16.3964

■ 178.8680, 37.5331,
48.3508

■ 15.5040, 59.4045,
-13.5970

■ 202.1700, 26.0452,
46.3319

■ 12.4260, 47.6110,
-10.8976

■ 218.6060, 17.9422,
31.9175

■ 16.0330, 33.5077,
-14.0609

■ 236.2160, 9.2605,

■ 10.3620, 24.4715,

16.4736

-9.0875

253.2390, 0.8682,
1.5444

5.3920, 15.5827,
-4.7288

2.1830, 5.8258,
-1.9145

59.5960, 93.8692,
38.9423

78.7560, 84.4233,
35.2940

97.6170, 75.1248,
31.0309

116.7770, 65.6789,
27.3826

135.6380, 56.3805,
23.1195

■ 154.7980, 46.9346,
19.4712

■ 173.9580, 37.4887,
15.8228

■ 192.8190, 28.1902,
11.5597

■ 211.9790, 18.7444,
7.9114

■ 230.8400, 9.4459,
3.6483

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



59.5960, 93.8692, 38.9423



84.4330, 37.7475, 119.7693

Triad

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



59.5960, 93.8692, 38.9423



78.0760, -38.4915, 72.7243



83.7610, 18.8518, -73.4584

Complementary

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



59.5960, 93.8692, 38.9423



190.4040, -93.8692, -38.9423

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.



68.0920, -33.5694, -59.7167



59.5960, 93.8692, 38.9423



79.3750, -39.1319, -2.0829

Square

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



59.5960, 93.8692, 38.9423



65.4810, -32.2821, 134.6362



65.1570, -32.1224, -57.1427



96.8080, 61.2267, -84.9006

Rectangle

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



59.5960, 93.8692, 38.9423



83.9710, 4.9443, 141.2224



65.1570, -32.1224, -57.1427



79.0700, 3.4165, -69.3444

Sweetspot

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



59.5960, 93.8692, 38.9423



196.9330, 28.6270, 11.4598



116.5500, 65.7908, -102.2143



92.9250, 17.2920, 7.0818



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.



59.5960, 93.8692, 38.9423



60.7640, 95.7583, 39.6720



95.7750, 76.0329, 113.3303



115.2760, 4.7939, 2.3889



44.8680, 71.0571, 29.0568



14.4290, 22.9595, 9.2708

Inverse Universe

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



91.3940, 26.9208, 139.0975



93.2310, 27.4941, 141.8714



154.2250, -76.0329, -113.3303



116.7990, 1.5781, 7.1923



69.0510, 20.1879, 105.1953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 59.5960, 93.8692, 38.9423 looks on a white background.

Color Contrast Check

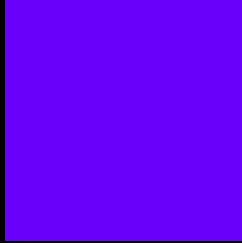
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.5960, 93.8692, 38.9423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

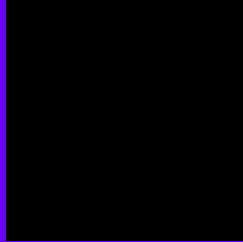
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5960, 93.8692, 38.9423

Background



This preview shows how black text looks on a background with the YUV color 59.5960, 93.8692, 38.9423.



This preview shows how white text looks on a background with the YUV color 59.5960, 93.8692,

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



Protanopia

71.1160, 54.1728, -62.3687

Deuteranopia

71.6740, 41.0797, -62.8581

Tritanopia

81.7660, 11.4544, -33.9978

Trichromacy



Protanomaly

67.1310, 68.4624, -25.5479

Deuteranomaly

67.6550, 60.3161, -26.0074

Tritanomaly

73.8410, 41.4904, -7.7536

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7360, 34.1472, 14.2635

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5960, 93.8692, 38.9423 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(104, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 250)  
}
```

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(104, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 250) }
```

Border

The CSS property to change the border of an element to YUV 59.5960, 93.8692, 38.9423 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(104, 0, 250) }
```

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

```
.border{ border-color:rgb(104, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(104, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(104, 0,  
250) }
```


Background

The CSS property to change the background color of an element to YUV 59.5960, 93.8692, 38.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 250) }
```

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

```
.background{ background-color: rgb(104, 0,  
250) }
```

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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