

Converting Colors

YUV(81.2230, 59.0501, 6.8204)

Have a look what the booklet for
YUV(81.2230, 59.0501, 6.8204)
contains.

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Color

**YUV(81.2230, 59.0501,
6.8204)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5936C9 |
| RGB | 89, 54, 201 |
| RGB Percent | 35%, 21%, 79% |
| CMY | 0.6510, 0.7882, 0.2118 |
| CMYK | 0.56, 0.73, 0.00, 0.21 |
| HSL | 254°, 58%, 50% |
| HSV | 254°, 73%, 79% |
| XYZ | 15.9816, 8.9792, 56.1492 |
| YIQ | 81.2230, -26.3270, 53.1370 |

Conversions

Conversions Part 2

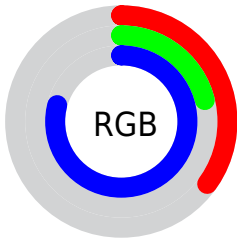
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 89, 54, 201 |
| Decimal | 5846729 |
| CIE _{Lab} | 35.94, 52.07, -70.82 |
| CIE _{LCh} | 36, 87.907, 306.325 |
| Yxy | 8.9792, 0.1970, 0.1107 |
| Android (android.graphics.Color) | 4284036809 (0xFF5936C9) |
| YUV | 81.2230, 59.0501, 6.8204 |
| Hunter-Lab | 29.9654, 42.7611, -90.1220 |

Details

The YUV color **81.2230, 59.0501, 6.8204** 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 **173.7770, -59.0501, -6.8204**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6690, 59.3232, 12.5683**, and **17.5410, 63.3303, -12.7525** is the 20% darker color. If you saturate the color by 10%, you get **64.9980, 67.0490, 7.8948**, and if you desaturate by 10%, it is **97.4480, 51.0511, 5.7461**.

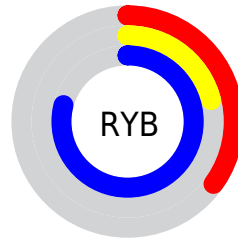
Distribution



Red (35%)

Green (21%)

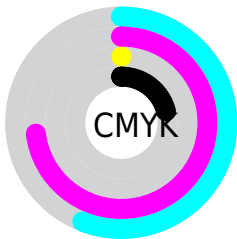
Blue (79%)



Red (35%)

Yellow (21%)

Blue (79%)

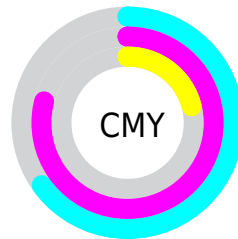


Cyan (56%)

Magenta (73%)

Yellow (0%)

Black (21%)



Cyan (65%)

Magenta (79%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2230, 59.0501, 6.8204 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 81.2230, 59.0501, 6.8204 by changing the saturation by 10% instead.

■ 81.2230, 59.0501,
6.8204

■ 81.2230, 59.0501,
6.8204

■ 255.0000, 0.0000,
0.0000

■ 53.4890, 58.9189,
2.2021

■ 134.6690, 59.3232,
12.5683

■ 17.5410, 63.3303,
-12.7525

■ 158.9010, 47.3768,
17.6268

■ 13.5660, 51.9790,
-11.8974

■ 183.7200, 35.1410,
22.1706

■ 10.6020, 40.6222,
-9.2980

■ 209.1260, 22.6159,
26.1995

■ 12.5620, 27.8239,
-11.0169

■ 230.3460, 12.1544,
21.6216

■ 6.8910, 18.7877,
-6.0434

■ 247.3690, 3.7621,

■ 3.3230, 10.1938,

6.6924

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 81.2230, 59.0501,
6.8204

■ 81.2230, 59.0501,
6.8204

■ 64.9980, 67.0490,
7.8948

■ 97.4480, 51.0511,
5.7461

■ 48.4740, 75.1953,
8.3543

■ 113.9720, 42.9048,
5.2866

■ 37.2660, 80.7209,
9.4137

■ 130.1970, 34.9059,
4.2122

■ 146.4220, 26.9070,
3.1379

■ 163.5330, 18.4712,
2.1636

■ 179.7580, 10.4723,
1.0892

■ 195.9830, 2.4734,
0.0149

■ 212.5070, -5.6730,
-0.4446

■ 228.7320,
-13.6719, -1.5190

Harmonies

Analogous

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



80.1100, 73.4028, -70.2565



81.2230, 59.0501, 6.8204



68.3280, 36.8133, 92.6743

Triad

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



81.2230, 59.0501, 6.8204



76.8250, -37.8747, 61.5435



75.7420, 10.9732, -66.4257

Complementary

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



81.2230, 59.0501, 6.8204



173.7770, -59.0501, -6.8204

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.



64.8610, -23.1025, -56.8831



81.2230, 59.0501, 6.8204



78.2780, -38.5911, 11.1572

Square

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



81.2230, 59.0501, 6.8204



55.6140, -27.4177, 114.3485



59.2870, -29.2285, -51.9947



84.3090, 41.2597, -73.9390

Rectangle

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



81.2230, 59.0501, 6.8204



69.6620, 13.4776, 110.7984



59.2870, -29.2285, -51.9947



72.4190, 0.7794, -63.5115

Sweetspot

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



81.2230, 59.0501, 6.8204



209.2710, 22.5444, 2.3933



137.0890, 31.5081, -72.8691



100.2680, 13.6719, 1.5190



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.



81.2230, 59.0501, 6.8204



72.3830, 90.0302, 10.1881



103.0500, 48.2893, 51.6992



91.6240, 3.6364, 0.3298



30.2430, 65.4492, 7.6799



6.4960, 14.5455, 1.3190

Inverse Universe

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



110.7210, 27.2525, 79.1747



117.4700, 41.6733, 120.6138



151.9500, -48.2893, -51.6991



93.4890, 1.7309, 4.8331



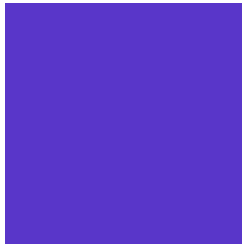
62.8730, 30.1356, 87.8114



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 81.2230, 59.0501, 6.8204 looks on a white background.

Color Contrast Check

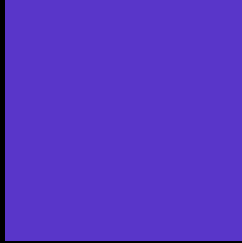
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.2230, 59.0501, 6.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

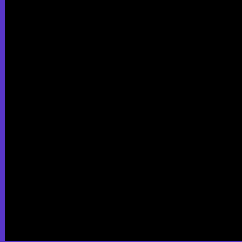
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2230, 59.0501, 6.8204

Background



This preview shows how black text looks on a background with the YUV color 81.2230, 59.0501, 6.8204.



This preview shows how white text looks on a background with the YUV color 81.2230, 59.0501,

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

81.2230, 59.0501, 6.8204

Protanopia

67.7420, 51.3992, -59.4097

Deuteranopia

67.8270, 39.0323, -59.4843



Tritanopia

79.2510, 9.2433, -24.7761

Trichromacy



Original Color

81.2230, 59.0501, 6.8204

Protanomaly

72.6940, 54.3809, -35.6886

Deuteranomaly

72.6310, 46.5239, -35.6334

Tritanomaly

80.0240, 27.1032, -13.1760

Monochromacy



Original Color

81.2230, 59.0501, 6.8204

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0430, 21.6708, 2.5933

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2230, 59.0501, 6.8204 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, 54, 201)` looks like.

```
.text, #text, p{  
    color:rgb(89, 54, 201)  
}
```

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, 54, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 54, 201) }
```

Border

The CSS property to change the border of an element to YUV 81.2230, 59.0501, 6.8204 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, 54, 201) }
```


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

```
.border{ border-color:rgb(89, 54, 201) }
```

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

Here you see how a box with a 4 pixel rgb(89, 54, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 54, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 54, 201);  
box-shadow:4px 4px 4px 4px rgb(89, 54,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 81.2230, 59.0501, 6.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 54, 201) }
```

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

```
.background{ background-color: rgb(89, 54,  
201) }
```

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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