

Converting Colors

YUV(63.3500, 80.1865, 40.9121)

Have a look what the booklet for
YUV(63.3500, 80.1865, 40.9121)
contains.

YUV(63.3500, 80.1865, 40.9121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.3500, 80.1865,
40.9121)**

Conversions

Conversions Part 1

Format	Color
Hex	6E08E2
RGB	110, 8, 226
RGB Percent	43%, 3%, 89%
CMY	0.5686, 0.9686, 0.1137
CMYK	0.51, 0.96, 0.00, 0.11
HSL	268°, 93%, 46%
HSV	268°, 96%, 89%
XYZ	20.2447, 8.9796, 72.6177
YIQ	63.3500, -9.1860, 89.4220

Conversions

Conversions Part 2

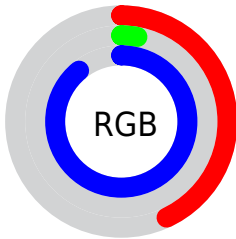
Format	Color
R _Y B	110, 8, 226
Decimal	7211234
CIE Lab	35.95, 74.70, -85.18
CIE LCh	36, 113.295, 311.251
Yxy	8.9796, 0.1988, 0.0882
Android (android.graphics.Color)	4285401314 (0xFF6E08E2)
YUV	63.3500, 80.1865, 40.9121
Hunter-Lab	29.9661, 68.1518, -122.7031

Details

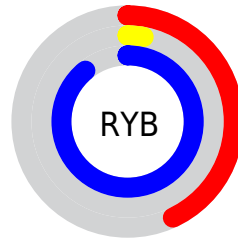
The YUV color **63.3500, 80.1865, 40.9121** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **170.6500, -80.1865, -40.9121**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7570, 62.7308, 39.6781**, and **29.7310, 68.6596, 4.6209** is the 20% darker color. If you saturate the color by 10%, you get **57.4580, 83.0912, 42.5713**, and if you desaturate by 10%, it is **80.4390, 71.7616, 36.4490**.

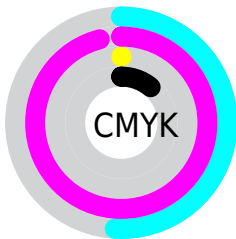
Distribution



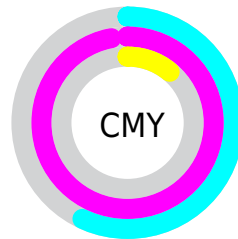
- Red (43%)
- Green (3%)
- Blue (89%)



- Red (43%)
- Yellow (3%)
- Blue (89%)



- Cyan (51%)
- Magenta (96%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (97%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3500, 80.1865, 40.9121 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 63.3500, 80.1865, 40.9121 by changing the saturation by 10% instead.

63.3500, 80.1865,
40.9121

63.3500, 80.1865,
40.9121

255.0000, 0.0000,
0.0000

45.1820, 74.8463,
27.0274

127.7570, 62.7308,
39.6781

29.7310, 68.6596,
4.6209

153.4620, 50.0582,
44.3218

16.1880, 62.0253,
-14.1969

179.1670, 37.3857,
48.9655

13.1100, 50.2318,
-11.4975

201.5830, 26.3346,
46.8467

11.3200, 38.2962,
-9.9276

218.6060, 17.9422,
31.9175

11.5190, 26.3661,
-10.1022

235.6290, 9.5499,

6.5490, 17.4773,

16.9884

-5.7435

253.2390, 0.8682,
1.5444

2.8670, 8.4466,
-2.5144

0.0000, 0.0000,
0.0000

63.3500, 80.1865,
40.9121

63.3500, 80.1865,
40.9121

57.4580, 83.0912,
42.5713

80.4390, 71.7616,
36.4490

96.9410, 63.6261,
32.5007

114.0300, 55.2012,
28.0377

130.5320, 47.0657,
24.0894

■ 147.6210, 38.6408,
19.6264

■ 164.7100, 30.2160,
15.1633

■ 181.2120, 22.0805,
11.2151

■ 198.3010, 13.6556,
6.7520

■ 214.8030, 5.5201,
2.8038

Harmonies

Analogous

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



82.4870, 85.0489, -72.3411



63.3500, 80.1865, 40.9121



78.4230, 32.8225, 112.7620

Triad

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



63.3500, 80.1865, 40.9121



76.5370, -37.7327, 62.6731



79.7830, 18.8410, -69.9697

Complementary

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



63.3500, 80.1865, 40.9121



170.6500, -80.1865, -40.9121

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.



66.6390, -26.4440, -58.4424



63.3500, 80.1865, 40.9121



75.5320, -37.2373, -3.0976

Square

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



63.3500, 80.1865, 40.9121



60.3980, -29.7762, 124.1850



62.2220, -30.6754, -54.5687



91.5760, 56.4110, -80.3122

Rectangle

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



63.3500, 80.1865, 40.9121



77.3780, 4.2506, 130.3415



62.2220, -30.6754, -54.5687



75.6620, 5.5896, -66.3556

Sweetspot

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



63.3500, 80.1865, 40.9121



199.9010, 27.1638, 14.1188



100.9440, 61.6526, -81.5119



94.4090, 16.5604, 8.4113



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.



63.3500, 80.1865, 40.9121



64.6510, 93.8421, 47.6641



95.9410, 64.1191, 107.9227



103.7490, 4.0677, 1.9741



44.5820, 64.7891, 32.8156



12.3490, 17.5759, 9.3409

Inverse Universe

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



86.4060, 18.5338, 122.4239



91.7490, 21.8157, 143.1711



138.0590, -64.1191, -107.9227



104.9730, 0.9993, 6.1627



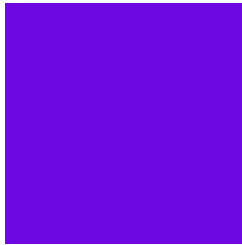
63.3400, 15.1154, 98.8028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 63.3500, 80.1865, 40.9121 looks on a white background.

Color Contrast Check

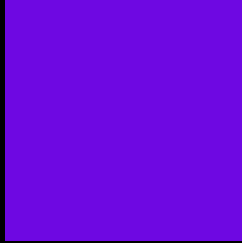
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.3500, 80.1865, 40.9121 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 63.3500, 80.1865, 40.9121 Background



This preview shows how black text looks on a background with the YUV color 63.3500, 80.1865, 40.9121.



This preview shows how white text looks on a background with the YUV color 63.3500, 80.1865,

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

63.3500, 80.1865, 40.9121

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

83.7150, 5.5635, -11.1511

Trichromacy



Original Color

63.3500, 80.1865, 40.9121

Protanomaly

66.8340, 62.1998, -23.5334

Deuteranomaly

66.6570, 53.9061, -23.3782

Tritanomaly

76.3500, 32.8585, 7.5861

Monochromacy



Original Color

63.3500, 80.1865, 40.9121

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0690, 29.0530, 14.8485

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3500, 80.1865, 40.9121 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(110, 8, 226)` looks like.

```
.text, #text, p{  
    color:rgb(110, 8, 226)  
}
```

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(110, 8, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 8, 226) }
```

Border

The CSS property to change the border of an element to YUV 63.3500, 80.1865, 40.9121 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(110, 8, 226) }
```


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

```
.border{ border-color:rgb(110, 8, 226) }
```

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

Here you see how a box with a 4 pixel rgb(110, 8, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 8, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 8, 226);  
box-shadow:4px 4px 4px 4px rgb(110, 8,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 63.3500, 80.1865, 40.9121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 8, 226) }
```

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

```
.background{ background-color: rgb(110, 8,  
226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor