

Converting Colors

YUV(80.2280, 41.2996, 6.8160)

Have a look what the booklet for
YUV(80.2280, 41.2996, 6.8160)
contains.

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Color

**YUV(80.2280, 41.2996,
6.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	583CA4
RGB	88, 60, 164
RGB Percent	35%, 24%, 64%
CMY	0.6549, 0.7647, 0.3569
CMYK	0.46, 0.63, 0.00, 0.36
HSL	256°, 46%, 44%
HSV	256°, 63%, 64%
XYZ	12.3412, 7.9868, 36.0131
YIQ	80.2280, -16.6960, 38.2800

Conversions

Conversions Part 2

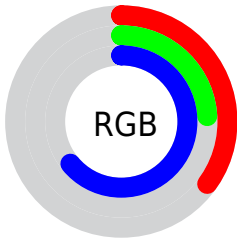
Format	Color
RYB	88, 60, 164
Decimal	5782692
CIELab	33.96, 37.86, -52.18
CIELCh	34, 64.473, 305.964
Yxy	7.9868, 0.2190, 0.1418
Android (android.graphics.Color)	4283972772 (0xFF583CA4)
YUV	80.2280, 41.2996, 6.8160
Hunter-Lab	28.2609, 28.4925, -55.7713

Details

The YUV color **80.2280, 41.2996, 6.8160** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **143.7720, -41.2996, -6.8160**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8200, 43.4727, 9.8049**, and **29.5430, 40.1583, -0.4762** is the 20% darker color. If you saturate the color by 10%, you get **67.2480, 47.6987, 7.6755**, and if you desaturate by 10%, it is **93.2080, 34.9005, 5.9566**.

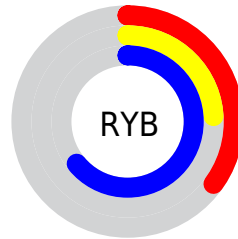
Distribution



Red (35%)

Green (24%)

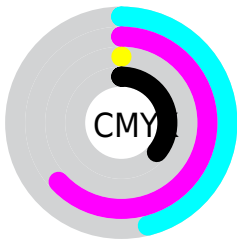
Blue (64%)



Red (35%)

Yellow (24%)

Blue (64%)

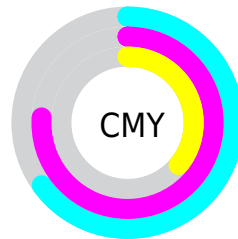


Cyan (46%)

Magenta (63%)

Yellow (0%)

Black (36%)



Cyan (65%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2280, 41.2996, 6.8160 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 80.2280, 41.2996, 6.8160 by changing the saturation by 10% instead.

80.2280, 41.2996,
6.8160

80.2280, 41.2996,
6.8160

255.0000, 0.0000,
0.0000

55.2770, 40.2894,
4.1421

131.8200, 43.4727,
9.8049

29.5430, 40.1583,
-0.4762

158.7600, 44.4883,
10.7345

9.8040, 37.5646,
-8.5981

183.3770, 35.3101,
14.5784

7.0680, 27.0815,
-6.1986

207.8970, 23.2218,
18.5073

6.2070, 16.1669,
-5.4435

232.1070, 11.2862,
20.0772

2.4110, 6.6994,
-2.1144

249.1300, 2.8939,

0.0000, 0.0000,

5.1480

0.0000

■ 80.2280, 41.2996,
6.8160

■ 80.2280, 41.2996,
6.8160

■ 67.2480, 47.6987,
7.6755

■ 93.2080, 34.9005,
5.9566

■ 53.6810, 54.3873,
9.0498

■ 106.7750, 28.2119,
4.5823

■ 40.7010, 60.7864,
9.9092

■ 119.7550, 21.8128,
3.7229

■ 31.8520, 65.1490,
10.6538

■ 133.3220, 15.1243,
2.3486

■ 146.3020, 8.7251,
1.4891

■ 159.2820, 2.3260,
0.6297

■ 172.8490, -4.3626,
-0.7446

■ 185.8290,
-10.7617, -1.6040

■ 199.3960,
-17.4502, -2.9783

Harmonies

Analogous

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



70.1700, 55.6252, -61.5391



80.2280, 41.2996, 6.8160



68.2420, 26.9957, 68.1938

Triad

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



80.2280, 41.2996, 6.8160



74.6770, -36.8158, 48.5183



69.4330, 9.6465, -60.8927

Complementary

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



80.2280, 41.2996, 6.8160



143.7720, -41.2996, -6.8160

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.



61.4020, -13.5092, -53.8496



80.2280, 41.2996, 6.8160



74.1580, -36.5599, 13.0164

Square

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



80.2280, 41.2996, 6.8160



63.8380, -20.6261, 82.5801



63.5610, -31.3356, -29.4330



74.5460, 31.7758, -65.3768

Rectangle

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



80.2280, 41.2996, 6.8160



58.8830, 14.8477, 91.3106



63.5610, -31.3356, -29.4330



66.7940, 2.0736, -58.5783

Sweetspot

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



80.2280, 41.2996, 6.8160



181.5500, 15.9978, 2.1486



116.4680, 23.4333, -49.5224



86.9430, 9.8881, 1.8040



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2280, 41.2996, 6.8160



82.7380, 64.7122, 10.7538



95.7760, 33.6344, 38.7844



74.9230, 3.4890, 0.9445



28.1910, 57.5868, 9.4795



3.5470, 7.1253, 1.2743

Inverse Universe

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



99.7600, 17.8663, 56.3385



113.3030, 27.9516, 88.3113



128.2240, -33.6344, -38.7844



76.3750, 1.2941, 4.9331



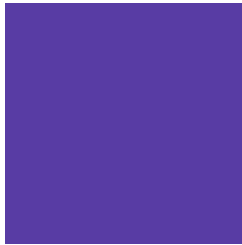
55.4390, 24.9266, 78.5450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 80.2280, 41.2996, 6.8160 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 80.2280, 41.2996, 6.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

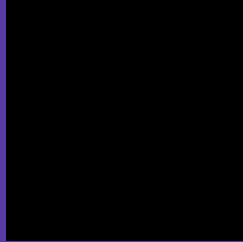
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2280, 41.2996, 6.8160

Background



This preview shows how black text looks on a background with the YUV color 80.2280, 41.2996, 6.8160.



This preview shows how white text looks on a background with the YUV color 80.2280, 41.2996,

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

80.2280, 41.2996, 6.8160

Protanopia

63.7810, 48.9150, -55.9359

Deuteranopia

64.3220, 38.2953, -56.4104



Tritanopia

78.6120, 5.1213, -9.3067

Trichromacy



Original Color

80.2280, 41.2996, 6.8160

Protanomaly

69.8270, 45.9343, -33.1743

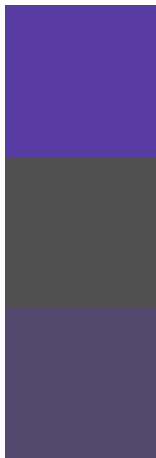
Deuteranomaly

70.1060, 39.3877, -33.4190

Tritanomaly

79.0870, 18.1981, -3.5843

Monochromacy



Original Color

80.2280, 41.2996, 6.8160

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3220, 15.1243, 2.3486

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2280, 41.2996, 6.8160 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(88, 60, 164)` looks like.

```
.text, #text, p{  
    color:rgb(88, 60, 164)  
}
```

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(88, 60, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 60, 164) }
```

Border

The CSS property to change the border of an element to YUV 80.2280, 41.2996, 6.8160 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(88, 60, 164) }
```


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

```
.border{ border-color:rgb(88, 60, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 60, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 60, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 60, 164);  
box-shadow:4px 4px 4px 4px rgb(88, 60,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 80.2280, 41.2996, 6.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 60, 164) }
```

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

```
.background{ background-color: rgb(88, 60,  
164) }
```

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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