

Converting Colors

YUV(80.4250, 49.5835, 56.6323)

Have a look what the booklet for
YUV(80.4250, 49.5835, 56.6323)
contains.

YUV(80.4250, 49.5835, 56.6323)	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(80.4250, 49.5835,
56.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	911CB5
RGB	145, 28, 181
RGB Percent	57%, 11%, 71%
CMY	0.4314, 0.8902, 0.2902
CMYK	0.20, 0.85, 0.00, 0.29
HSL	286°, 73%, 41%
HSV	286°, 85%, 71%
XYZ	20.4328, 10.1864, 44.6053
YIQ	80.4250, 20.6190, 72.3870

Conversions

Conversions Part 2

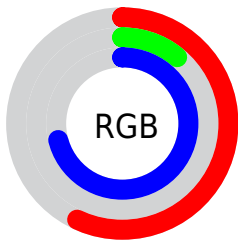
Format	Color
R_{YB}	145, 28, 181
Decimal	9510069
CIE _{Lab}	38.17, 66.01, -55.13
CIE _{LCh}	38, 86.007, 320.131
Yxy	10.1864, 0.2716, 0.1354
Android (android.graphics.Color)	4287700149 (0xFF911CB5)
YUV	80.4250, 49.5835, 56.6323
Hunter-Lab	31.9162, 58.4225, -60.5209

Details

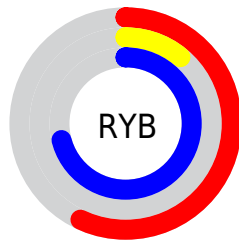
The YUV color **80.4250, 49.5835, 56.6323** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **128.5750, -49.5835, -56.6323**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6590, 47.9891, 54.6731**, and **41.0890, 42.3541, 42.0179** is the 20% darker color. If you saturate the color by 10%, you get **68.6630, 55.3821, 63.4395**, and if you desaturate by 10%, it is **92.1870, 43.7848, 49.8250**.

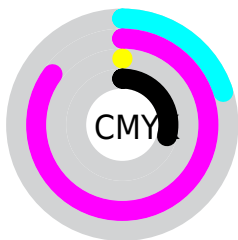
Distribution



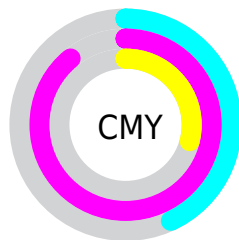
- Red (57%)
- Green (11%)
- Blue (71%)



- Red (57%)
- Yellow (11%)
- Blue (71%)



- Cyan (20%)
- Magenta (85%)
- Yellow (0%)
- Black (29%)



- Cyan (43%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4250, 49.5835, 56.6323 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 80.4250, 49.5835, 56.6323 by changing the saturation by 10% instead.

80.4250, 49.5835,
56.6323

80.4250, 49.5835,
56.6323

255.0000, 0.0000,
0.0000

52.5390, 50.0203,
56.5323

140.6590, 47.9891,
54.6731

41.0890, 42.3541,
42.0179

167.7040, 43.0369,
56.3876

29.7530, 35.1248,
27.4036

191.0170, 31.5436,
56.1131

19.2430, 28.4742,
13.8189

207.4530, 23.4407,
41.6987

6.0420, 23.1503,
-5.2988

224.4760, 15.0483,
26.7695

4.5940, 12.5252,
-4.0289

241.4990, 6.6560,

0.1140, 0.4368,

11.8404

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 80.4250, 49.5835,
56.6323

■ 80.4250, 49.5835,
56.6323

■ 68.6630, 55.3821,
63.4395

■ 92.1870, 43.7848,
49.8250

■ 61.8960, 58.7183,
66.7432

■ 104.2480, 37.8387,
43.6325

■ 116.0100, 32.0401,
36.8252

■ 127.7720, 26.2414,
30.0180

■ 140.1210, 20.1533,
22.6959

■ 152.1820, 14.2073,
16.5034

■ 163.9440, 8.4086,
9.6961

■ 175.7060, 2.6099,
2.8888

■ 187.4680, -3.1887,
-3.9184

Harmonies

Analogous

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



74.2570, 73.8233, -65.1234



80.4250, 49.5835, 56.6323



71.8280, 21.7768, 108.8988

Triad

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



80.4250, 49.5835, 56.6323



84.9440, -41.8774, 38.6371



83.7100, 26.2720, -73.4137

Complementary

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



80.4250, 49.5835, 56.6323



128.5750, -49.5835, -56.6323

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.



74.2140, -5.0355, -65.0857



80.4250, 49.5835, 56.6323



78.1350, -38.5206, -11.5194

Square

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



80.4250, 49.5835, 56.6323



70.8210, -34.9148, 92.2420



64.5700, -31.8330, -56.6279



90.0770, 53.2060, -78.9975

Rectangle

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



80.4250, 49.5835, 56.6323



68.9760, 0.5048, 118.4160



64.5700, -31.8330, -56.6279



80.9740, 15.7888, -71.0142

Sweetspot

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



80.4250, 49.5835, 56.6323



196.1810, 19.1378, 21.7663



67.7480, 55.8332, -34.8590



94.0630, 11.3079, 13.0997



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



80.4250, 49.5835, 56.6323



80.3110, 76.2617, 86.5503



86.8570, 27.6785, 82.5634



83.1190, 2.8993, 3.4036



52.4250, 49.5835, 56.6323



8.9440, 8.4086, 9.6961

Inverse Universe

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



77.8510, -6.8285, 90.4617



76.5350, -10.6168, 138.9738



122.1430, -27.6785, -82.5634



82.9190, -0.4531, 5.3330



49.8510, -6.8285, 90.4617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 80.4250, 49.5835, 56.6323 looks on a white background.

Color Contrast Check

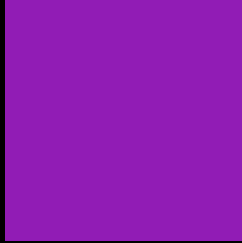
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 80.4250, 49.5835, 56.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

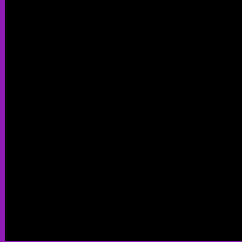
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4250, 49.5835, 56.6323

Background



This preview shows how black text looks on a background with the YUV color 80.4250, 49.5835, 56.6323.



This preview shows how white text looks on a background with the YUV color 80.4250, 49.5835,

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

80.4250, 49.5835, 56.6323

Protanopia

72.7460, 55.3412, -63.7982

Deuteranopia

73.1730, 44.2847, -64.1727



Tritanopia

91.4280, -5.6340, 33.8276

Trichromacy



Original Color

80.4250, 49.5835, 56.6323



Protanomaly

75.5650, 53.4585, -19.7895



Deuteranomaly

75.7300, 46.4751, -19.9342



Tritanomaly

87.1620, 14.7101, 41.9539

Monochromacy



Original Color

80.4250, 49.5835, 56.6323



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.2410, 18.1222, 20.8366

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4250, 49.5835, 56.6323 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(145, 28, 181)` looks like.

```
.text, #text, p{  
    color:rgb(145, 28, 181)  
}
```

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(145, 28, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 28, 181) }
```

Border

The CSS property to change the border of an element to YUV 80.4250, 49.5835, 56.6323 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(145, 28, 181) }
```


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

```
.border{ border-color:rgb(145, 28, 181) }
```

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

Here you see how a box with a 4 pixel rgb(145, 28, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 28, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 28, 181);  
box-shadow:4px 4px 4px 4px rgb(145, 28,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 80.4250, 49.5835, 56.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 28, 181) }
```

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

```
.background{ background-color: rgb(145, 28,  
181) }
```

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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