

Converting Colors

YUV(80.9180, 48.3544, 30.7669)

Have a look what the booklet for
YUV(80.9180, 48.3544, 30.7669)
contains.

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Color

**YUV(80.9180, 48.3544,
30.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	742CB3
RGB	116, 44, 179
RGB Percent	45%, 17%, 70%
CMY	0.5451, 0.8275, 0.2980
CMYK	0.35, 0.75, 0.00, 0.30
HSL	272°, 61%, 44%
HSV	272°, 75%, 70%
XYZ	16.2398, 8.7690, 43.4845
YIQ	80.9180, -0.4230, 57.2490

Conversions

Conversions Part 2

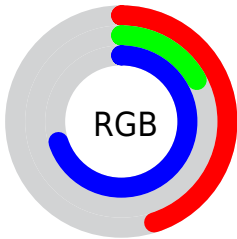
Format	Color
R _Y B	116, 44, 179
Decimal	7613619
CIE Lab	35.54, 55.31, -58.43
CIE LCh	36, 80.458, 313.431
Yxy	8.7690, 0.2371, 0.1280
Android (android.graphics.Color)	4285803699 (0xFF742CB3)
YUV	80.9180, 48.3544, 30.7669
Hunter-Lab	29.6126, 46.0692, -66.3354

Details

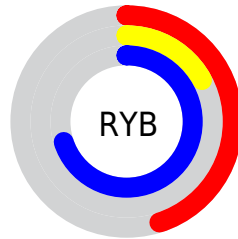
The YUV color **80.9180, 48.3544, 30.7669** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **142.0820, -48.3544, -30.7669**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5700, 49.5120, 32.8261**, and **31.8910, 45.9027, 23.7746** is the 20% darker color. If you saturate the color by 10%, you get **67.9600, 54.7427, 35.1151**, and if you desaturate by 10%, it is **93.8760, 41.9661, 26.4187**.

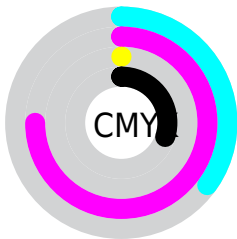
Distribution



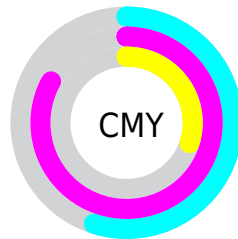
- Red (45%)
- Green (17%)
- Blue (70%)



- Red (45%)
- Yellow (17%)
- Blue (70%)



- Cyan (35%)
- Magenta (75%)
- Yellow (0%)
- Black (30%)



- Cyan (55%)
- Magenta (83%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9180, 48.3544, 30.7669 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 80.9180, 48.3544, 30.7669 by changing the saturation by 10% instead.

80.9180, 48.3544,
30.7669

80.9180, 48.3544,
30.7669

255.0000, 0.0000,
0.0000

50.6840, 49.9488,
32.7261

135.5700, 49.5120,
32.8261

31.8910, 45.9027,
23.7746

162.2560, 45.7228,
34.8555

19.6580, 39.1156,
7.3159

186.7760, 33.6344,
38.7844

8.5500, 32.7599,
-7.4984

209.8010, 22.2831,
39.6395

8.1620, 21.1191,
-7.1581

226.8240, 13.8908,
24.7104

4.4800, 12.0884,
-3.9290

243.2600, 5.7878,

0.0000, 0.0000,

10.2960

0.0000

■ 80.9180, 48.3544,
30.7669

■ 80.9180, 48.3544,
30.7669

■ 67.9600, 54.7427,
35.1151

■ 93.8760, 41.9661,
26.4187

■ 54.7030, 61.2784,
38.8485

■ 107.1330, 35.4304,
22.6854

■ 48.8110, 64.1832,
40.5078

■ 120.0910, 29.0421,
18.3372

■ 133.0490, 22.6538,
13.9890

■ 146.3060, 16.1181,
10.2556

■ 158.6770, 10.0192,
6.4223

■ 171.6350, 3.6309,
2.0741

■ 184.8920, -2.9048,
-1.6593

■ 197.8500, -9.2930,
-6.0074

Harmonies

Analogous

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



73.4760, 68.2923, -64.4385



80.9180, 48.3544, 30.7669



66.2330, 27.4931, 95.3887

Triad

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



80.9180, 48.3544, 30.7669



78.4980, -38.6995, 46.0443



76.1640, 17.6671, -66.7958

Complementary

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



80.9180, 48.3544, 30.7669



142.0820, -48.3544, -30.7669

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.



67.1240, -11.8931, -58.8677



80.9180, 48.3544, 30.7669



75.5540, -37.2481, 0.3911

Square

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



80.9180, 48.3544, 30.7669



54.6510, -26.9429, 102.0381



59.2870, -29.2285, -51.9947



83.0040, 43.8750, -72.7945

Rectangle

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



80.9180, 48.3544, 30.7669



65.6310, 7.0839, 108.1946



59.2870, -29.2285, -51.9947



73.0690, 8.3470, -64.0815

Sweetspot

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



80.9180, 48.3544, 30.7669



193.4140, 19.0229, 11.9149



96.3710, 40.7361, -45.9294



93.1440, 11.7610, 7.7667



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.



80.9180, 48.3544, 30.7669



78.8410, 75.5074, 48.3744



99.2990, 37.3206, 69.8978



82.5210, 3.1941, 2.1741



41.9600, 54.7427, 35.1151



7.1500, 9.2931, 6.0074

Inverse Universe

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



91.5470, 7.6183, 76.6963



95.2610, 11.7033, 119.9201



123.7010, -37.3206, -69.8978



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 80.9180, 48.3544, 30.7669 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

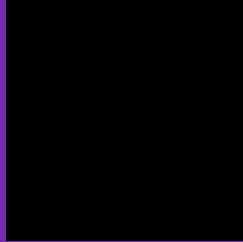
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.9180, 48.3544, 30.7669

Background



This preview shows how black text looks on a background with the YUV color 80.9180, 48.3544, 30.7669.



This preview shows how white text looks on a background with the YUV color 80.9180, 48.3544,

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

80.9180, 48.3544, 30.7669

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.4680, 40.1953, -59.1694



Tritanopia

85.3650, -0.1799, 11.0809

Trichromacy



Original Color

80.9180, 48.3544, 30.7669

Protanomaly

72.3100, 50.1332, -26.5819

Deuteranomaly

72.4750, 43.1498, -26.7266

Tritanomaly

83.7030, 17.4014, 18.6775

Monochromacy



Original Color

80.9180, 48.3544, 30.7669

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.3600, 17.5705, 11.0853

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9180, 48.3544, 30.7669 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(116, 44, 179)` looks like.

```
.text, #text, p{  
  color:rgb(116, 44, 179)  
}
```

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(116, 44, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 44, 179) }
```

Border

The CSS property to change the border of an element to YUV 80.9180, 48.3544, 30.7669 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(116, 44, 179) }
```


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

```
.border{ border-color:rgb(116, 44, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 44, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 44, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 44, 179);  
box-shadow:4px 4px 4px 4px rgb(116, 44,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 80.9180, 48.3544, 30.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 44, 179) }
```

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

```
.background{ background-color: rgb(116, 44,  
179) }
```

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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