

Converting Colors

YUV(80.1560, 47.7441, 86.6862)

Have a look what the booklet for
YUV(80.1560, 47.7441, 86.6862)
contains.

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Color

**YUV(80.1560, 47.7441,
86.6862)**

Conversions

Conversions Part 1

Format	Color
Hex	B30BB1
RGB	179, 11, 177
RGB Percent	70%, 4%, 69%
CMY	0.2980, 0.9569, 0.3059
CMYK	0.00, 0.94, 0.01, 0.30
HSL	301°, 88%, 37%
HSV	301°, 94%, 70%
XYZ	26.6459, 12.9974, 42.6993
YIQ	80.1560, 46.8420, 87.2420

Conversions

Conversions Part 2

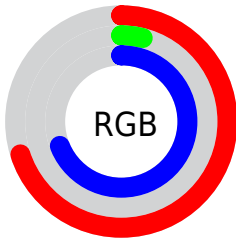
Format	Color
R_{YB}	179, 11, 177
Decimal	11733937
CIE _{Lab}	42.76, 73.97, -45.08
CIE _{LCh}	43, 86.624, 328.638
Yxy	12.9974, 0.3236, 0.1578
Android (android.graphics.Color)	4289924017 (0xFFB30BB1)
YUV	80.1560, 47.7441, 86.6862
Hunter-Lab	36.0519, 68.8383, -44.9859

Details

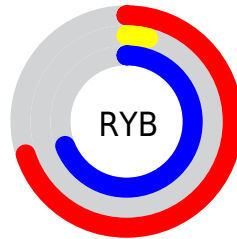
The YUV color **80.1560, 47.7441, 86.6862** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **109.8440, -47.7441, -86.6862**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9670, 40.9353, 77.2049**, and **50.3150, 36.3267, 61.9907** is the 20% darker color. If you saturate the color by 10%, you get **73.6990, 50.9274, 92.3490**, and if you desaturate by 10%, it is **90.7220, 42.5351, 77.4198**.

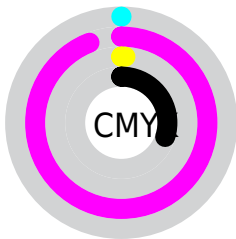
Distribution



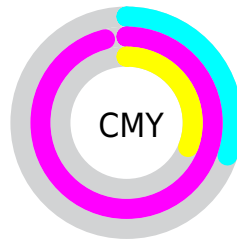
- Red (70%)
- Green (4%)
- Blue (69%)



- Red (70%)
- Yellow (4%)
- Blue (69%)



- Cyan (0%)
- Magenta (94%)
- Yellow (1%)
- Black (30%)





- Cyan (30%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1560, 47.7441, 86.6862 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 80.1560, 47.7441, 86.6862 by changing the saturation by 10% instead.


 80.1560, 47.7441,
86.6862


 80.1560, 47.7441,
86.6862


255.0000, 0.0000,
0.0000


 61.9500, 43.4087,
77.2198


 149.9670, 40.9353,
77.2049


 50.3150, 36.3267,
61.9907


 175.1680, 39.3572,
70.0127


 38.9790, 29.0974,
47.3764


 192.1910, 30.9648,
55.0835

 28.1700, 22.5942,
33.1769

 209.2140, 22.5725,
40.1543

 17.0620, 16.2384,
18.3626

 226.2370, 14.1802,
25.2252

 3.7790, 11.9410,
-3.3142

 243.8470, 5.4984,

 0.0000, 0.0000,

9.7812

0.0000

■ 80.1560, 47.7441,
86.6862

■ 80.1560, 47.7441,
86.6862

■ 73.6990, 50.9274,
92.3490

■ 90.7220, 42.5351,
77.4198

■ 101.2880, 37.3260,
68.1534

■ 111.9680, 32.5538,
58.7871

■ 122.5340, 27.3447,
49.5207

■ 133.1000, 22.1357,
40.2543

■ 143.0790, 17.2161,
31.5027

■ 153.6450, 12.0070,
22.2363

■ 164.3250, 7.2348,
12.8700

■ 174.8910, 2.0257,
3.6036

Harmonies

Analogous

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



94.2620, 66.4258, -25.6628



80.1560, 47.7441, 86.6862



77.1950, 15.1869, 122.6090

Triad

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



80.1560, 47.7441, 86.6862



95.2000, -46.9336, 27.0116



94.9890, 36.4874, -83.3054

Complementary

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



80.1560, 47.7441, 86.6862



109.8440, -47.7441, -86.6862

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.



86.0800, 4.8906, -75.4922



80.1560, 47.7441, 86.6862



83.6400, -41.2345, -27.7483

Square

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



80.1560, 47.7441, 86.6862



90.2140, -44.4755, 78.7423



73.3580, -33.7005, -64.3350



99.6120, 61.8163, -87.3597

Rectangle

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



80.1560, 47.7441, 86.6862



72.1360, -5.4900, 127.9227



73.3580, -33.7005, -64.3350



92.2530, 26.0043, -80.9059

Sweetspot

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



80.1560, 47.7441, 86.6862



193.7310, 18.3736, 33.5619



30.1520, 73.3821, -16.7963



93.5200, 11.5756, 20.5920



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.



80.1560, 47.7441, 86.6862



95.4740, 65.8283, 119.7333



70.8080, 11.9267, 94.8844



83.7170, 2.6045, 4.6332



62.9610, 43.4032, 78.9642



10.6240, 7.0874, 13.4848

Inverse Universe

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



80.1560, 47.7441, 86.6862



95.4740, 65.8283, 119.7333



119.1920, -11.9267, -94.8844



83.7170, 2.6045, 4.6332



62.9610, 43.4032, 78.9642



10.6240, 7.0874, 13.4848

Previews

White Background



This preview shows how the YUV color 80.1560, 47.7441, 86.6862 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

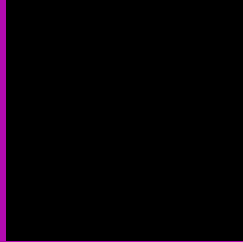
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1560, 47.7441, 86.6862

Background



This preview shows how black text looks on a background with the YUV color 80.1560, 47.7441, 86.6862.



This preview shows how white text looks on a background with the YUV color 80.1560, 47.7441,

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

80.1560, 47.7441, 86.6862

Protanopia

82.0530, 63.0779, -71.9605

Deuteranopia

98.5210, 33.2671, -30.2749



Tritanopia

99.8720, -12.2619, 59.7483

Trichromacy



Original Color

80.1560, 47.7441, 86.6862



Protanomaly

81.3360, 57.5154, -14.3267



Deuteranomaly

92.1640, 38.3731, 12.1342



Tritanomaly

92.9590, 9.3872, 69.3190

Monochromacy



Original Color

80.1560, 47.7441, 86.6862



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.0790, 17.2161, 31.5027

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1560, 47.7441, 86.6862 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(179, 11, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 11, 177)  
}
```

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(179, 11, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 11, 177) }
```

Border

The CSS property to change the border of an element to YUV 80.1560, 47.7441, 86.6862 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(179, 11, 177) }
```


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

```
.border{ border-color:rgb(179, 11, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 11, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 11, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 11, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 11,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 80.1560, 47.7441, 86.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 11, 177) }
```

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

```
.background{ background-color: rgb(179, 11,  
177) }
```

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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