

Converting Colors

YUV(80.1150, 60.0893, 93.7381)

Have a look what the booklet for
YUV(80.1150, 60.0893, 93.7381)
contains.

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Color

**YUV(80.1150, 60.0893,
93.7381)**

Conversions

Conversions Part 1

Format	Color
Hex	BB02CA
RGB	187, 2, 202
RGB Percent	73%, 1%, 79%
CMY	0.2667, 0.9922, 0.2078
CMYK	0.07, 0.99, 0.00, 0.21
HSL	296°, 98%, 40%
HSV	296°, 99%, 79%
XYZ	31.1759, 14.8725, 57.1046
YIQ	80.1150, 46.0600, 101.4200

Conversions

Conversions Part 2

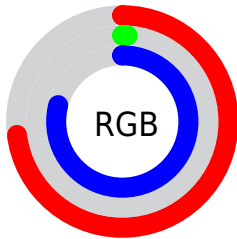
Format	Color
R_{YB}	187, 2, 202
Decimal	12255946
CIE _{Lab}	45.46, 79.91, -55.32
CIE _{LCh}	45, 97.195, 325.306
Yxy	14.8725, 0.3022, 0.1442
Android (android.graphics.Color)	4290446026 (0xFFBB02CA)
YUV	80.1150, 60.0893, 93.7381
Hunter-Lab	38.5649, 76.8112, -60.7979

Details

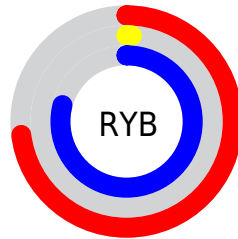
The YUV color **80.1150, 60.0893, 93.7381** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **123.8850, -60.0893, -93.7381**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7530, 48.9288, 80.0236**, and **55.0300, 45.3412, 63.9947** is the 20% darker color. If you saturate the color by 10%, you get **78.9410, 60.6681, 94.7677**, and if you desaturate by 10%, it is **92.4530, 54.0067, 84.6717**.

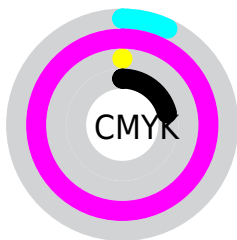
Distribution



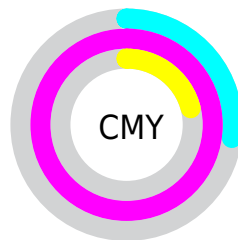
- Red (73%)
- Green (1%)
- Blue (79%)



- Red (73%)
- Yellow (1%)
- Blue (79%)



- Cyan (7%)
- Magenta (99%)
- Yellow (0%)
- Black (21%)





- Cyan (27%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.1150, 60.0893, 93.7381 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 80.1150, 60.0893, 93.7381 by changing the saturation by 10% instead.


 80.1150, 60.0893,
93.7381


 80.1150, 60.0893,
93.7381


255.0000, 0.0000,
0.0000


 67.0780, 52.7125,
79.7386


 155.7530, 48.9288,
80.0236


 55.0300, 45.3412,
63.9947


 175.7550, 39.0678,
69.4979


 43.5800, 37.6751,
49.4803


 193.3650, 30.3861,
54.0539

 32.0590, 31.0299,
34.1513

 210.3880, 21.9937,
39.1247

 20.8370, 24.2374,
19.4370

 227.9980, 13.3120,
23.6808

 5.9560, 20.2347,
-3.4694

 245.6080, 4.6303,

 3.4370, 10.6306,

8.2368

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 80.1150, 60.0893,
93.7381

■ 80.1150, 60.0893,
93.7381

■ 78.9410, 60.6681,
94.7677

■ 92.4530, 54.0067,
84.6717

■ 104.4920, 48.0714,
74.9905

■ 117.4170, 41.6994,
65.4093

■ 129.4560, 35.7642,
55.7281

■ 141.7940, 29.6816,
46.6617

■ 153.8330, 23.7463,
36.9805

■ 166.1710, 17.6637,
27.9140

■ 178.7970, 11.4391,
17.7180

■ 191.1350, 5.3564,
8.6516

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



80.1150, 60.0893, 93.7381



84.7000, 19.3749, 132.6901

Triad

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



80.1150, 60.0893, 93.7381



101.7450, -50.1603, 35.3036



101.6570, 36.6511, -89.1532

Complementary

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



80.1150, 60.0893, 93.7381



123.8850, -60.0893, -93.7381

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.



90.9070, 0.5388, -79.7254



80.1150, 60.0893, 93.7381



90.4400, -44.5869, -25.8189

Square

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



80.1150, 60.0893, 93.7381



91.4980, -45.1085, 95.1563



78.0710, -38.4890, -68.4683



107.5340, 66.7847, -94.3073

Rectangle

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



80.1150, 60.0893, 93.7381



79.8540, -4.3650, 140.4480



78.0710, -38.4890, -68.4683



97.9920, 25.1469, -85.9390

Sweetspot

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



80.1150, 60.0893, 93.7381



208.5940, 22.8782, 35.4361



34.7790, 82.4400, -28.7472



99.8020, 13.9016, 21.2216



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.



80.1150, 60.0893, 93.7381



99.6340, 76.5954, 119.5930



75.1380, 21.6240, 111.2580



95.8310, 3.0413, 4.5332



64.6710, 49.9552, 77.4645



14.7970, 11.4391, 17.7180

Inverse Universe

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



63.5100, -22.9294, 121.4557



78.4110, -29.2896, 154.8686



128.8620, -21.6240, -111.2580



95.1040, -1.0373, 6.0478



51.0020, -19.2280, 100.8532



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 80.1150, 60.0893, 93.7381 looks on a white background.

Color Contrast Check

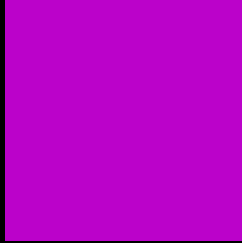
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.1150, 60.0893, 93.7381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

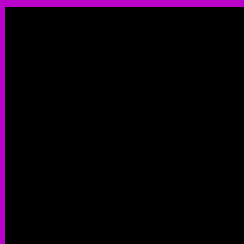
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1150, 60.0893, 93.7381

Background



This preview shows how black text looks on a background with the YUV color 80.1150, 60.0893, 93.7381.



This preview shows how white text looks on a background with the YUV color 80.1150, 60.0893,

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

80.1150, 60.0893, 93.7381

Protanopia

87.6440, 66.7305, -76.8638

Deuteranopia

100.2720, 44.2359, -48.4735



Tritanopia

107.7900, -11.2355, 57.1892

Trichromacy



Original Color

80.1150, 60.0893, 93.7381



Protanomaly

84.7580, 64.2093, -14.6968



Deuteranomaly

92.7960, 49.8936, 3.6869



Tritanomaly

97.7510, 14.9128, 70.3784

Monochromacy



Original Color

80.1150, 60.0893, 93.7381



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

80.2410, 21.5732, 33.9916

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1150, 60.0893, 93.7381 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(187, 2, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 2, 202)  
}
```

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(187, 2, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 2, 202) }
```

Border

The CSS property to change the border of an element to YUV 80.1150, 60.0893, 93.7381 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(187, 2, 202) }
```


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

```
.border{ border-color:rgb(187, 2, 202) }
```

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

Here you see how a box with a 4 pixel rgb(187, 2, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 2, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 2, 202);  
box-shadow:4px 4px 4px 4px rgb(187, 2,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 80.1150, 60.0893, 93.7381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 2, 202) }
```

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

```
.background{ background-color: rgb(187, 2,  
202) }
```

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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