

Converting Colors

YUV(86.3980, 57.4848, 89.1050)

Have a look what the booklet for
YUV(86.3980, 57.4848, 89.1050)
contains.

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Color

**YUV(86.3980, 57.4848,
89.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	BC0CCB
RGB	188, 12, 203
RGB Percent	74%, 5%, 80%
CMY	0.2627, 0.9529, 0.2039
CMYK	0.07, 0.94, 0.00, 0.20
HSL	295°, 89%, 42%
HSV	295°, 94%, 80%
XYZ	31.6500, 15.2661, 57.7784
YIQ	86.3980, 43.5850, 96.7130

Conversions

Conversions Part 2

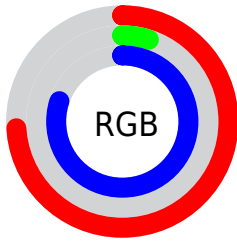
Format	Color
R_{YB}	188, 12, 203
Decimal	12324043
CIE _{Lab}	46.00, 79.34, -55.03
CIE _{LCh}	46, 96.553, 325.254
Yxy	15.2661, 0.3023, 0.1458
Android (android.graphics.Color)	4290514123 (0xFFBC0CCB)
YUV	86.3980, 57.4848, 89.1050
Hunter-Lab	39.0719, 76.2174, -60.3262

Details

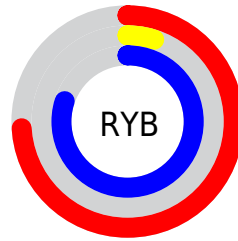
The YUV color **86.3980, 57.4848, 89.1050** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **128.6020, -57.4848, -89.1050**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2260, 48.2026, 79.6088**, and **55.7420, 45.4832, 65.1243** is the 20% darker color. If you saturate the color by 10%, you get **79.0550, 61.1049, 94.6678**, and if you desaturate by 10%, it is **98.7360, 51.4022, 80.0385**.

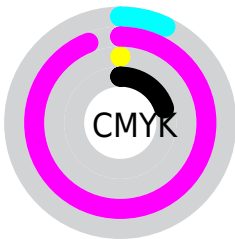
Distribution



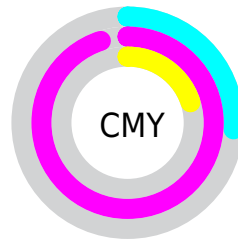
- Red (74%)
- Green (5%)
- Blue (80%)



- Red (74%)
- Yellow (5%)
- Blue (80%)



- Cyan (7%)
- Magenta (94%)
- Yellow (0%)
- Black (20%)





- Cyan (26%)
- Magenta (95%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.3980, 57.4848, 89.1050 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 86.3980, 57.4848, 89.1050 by changing the saturation by 10% instead.


 86.3980, 57.4848,
89.1050


 86.3980, 57.4848,
89.1050


255.0000, 0.0000,
0.0000


 67.4910, 53.0019,
80.2534


 157.2260, 48.2026,
79.6088


 55.7420, 45.4832,
65.1243


 177.5160, 38.1996,
67.9535


 43.9930, 37.9645,
49.9951


 194.5390, 29.8073,
53.0243

 32.4720, 31.3193,
34.6661


 212.1490, 21.1255,
37.5803

 21.5490, 24.3793,
20.5665

 229.1720, 12.7332,
22.6512

 6.9670, 20.2293,
-1.7251

 247.3690, 3.7621,

 3.5510, 11.0674,

6.6924

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 86.3980, 57.4848,
89.1050

■ 86.3980, 57.4848,
89.1050

■ 79.0550, 61.1049,
94.6678

■ 98.7360, 51.4022,
80.0385

■ 111.3620, 45.1775,
69.8425

■ 123.7000, 39.0949,
60.7761

■ 135.7390, 33.1597,
51.0949

■ 148.6640, 26.7876,
41.5137

■ 161.0020, 20.7050,
32.4472

■ 173.0410, 14.7698,
22.7660

■ 185.3790, 8.6872,
13.6996

■ 198.0050, 2.4625,
3.5036

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



86.3980, 57.4848, 89.1050



85.2270, 20.1011, 133.1049

Triad

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



86.3980, 57.4848, 89.1050



102.9300, -50.7445, 36.0184



102.3580, 36.7985, -89.7680

Complementary

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



86.3980, 57.4848, 89.1050



128.6020, -57.4848, -89.1050

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.



91.6080, 0.6863, -80.3402



86.3980, 57.4848, 89.1050



91.6250, -45.1711, -25.1041

Square

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



86.3980, 57.4848, 89.1050



93.2700, -45.9821, 95.3562



78.6580, -38.7784, -68.9831



108.8220, 66.6428, -95.4369

Rectangle

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



86.3980, 57.4848, 89.1050



80.3810, -3.6388, 140.8629



78.6580, -38.7784, -68.9831



99.2800, 25.0050, -87.0686

Sweetspot

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



86.3980, 57.4848, 89.1050



211.5290, 21.4312, 32.8621



43.1660, 78.7982, -27.3326



100.9760, 13.3228, 20.1920



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.



86.3980, 57.4848, 89.1050



99.3350, 76.7428, 118.9782



81.7630, 20.3298, 106.3248



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.



70.8190, -21.6028, 115.9227



78.5250, -28.8528, 154.7686



133.2370, -20.3298, -106.3248



95.1040, -1.0373, 6.0478



51.1160, -18.7912, 100.7533



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 86.3980, 57.4848, 89.1050 looks on a white background.

Color Contrast Check

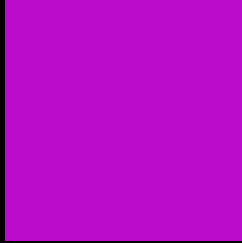
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.3980, 57.4848, 89.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

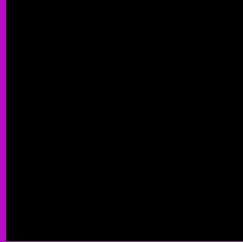
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3980, 57.4848, 89.1050

Background



This preview shows how black text looks on a background with the YUV color 86.3980, 57.4848, 89.1050.



This preview shows how white text looks on a background with the YUV color 86.3980, 57.4848,

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

86.3980, 57.4848, 89.1050

Protanopia

87.8720, 67.6041, -77.0637

Deuteranopia

101.2720, 44.2359, -48.4735



Tritanopia

108.7900, -11.2355, 57.1892

Trichromacy



Original Color

86.3980, 57.4848, 89.1050



Protanomaly

87.3340, 63.9253, -16.9559



Deuteranomaly

96.1440, 48.7360, 1.6277



Tritanomaly

100.5120, 14.0446, 68.8340

Monochromacy



Original Color

86.3980, 57.4848, 89.1050



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

86.1160, 21.1418, 32.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3980, 57.4848, 89.1050 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(188, 12, 203)` looks like.

```
.text, #text, p{  
    color:rgb(188, 12, 203)  
}
```

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(188, 12, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 12, 203) }
```

Border

The CSS property to change the border of an element to YUV 86.3980, 57.4848, 89.1050 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(188, 12, 203) }
```


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

```
.border{ border-color:rgb(188, 12, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 12, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 12, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 12, 203);  
box-shadow:4px 4px 4px 4px rgb(188, 12,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 86.3980, 57.4848, 89.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 12, 203) }
```

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

```
.background{ background-color: rgb(188, 12,  
203) }
```

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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