

Converting Colors

YUV(80.1650, 57.5997, 98.9563)

Have a look what the booklet for
YUV(80.1650, 57.5997, 98.9563)
contains.

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Color

**YUV(80.1650, 57.5997,
98.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	C100C5
RGB	193, 0, 197
RGB Percent	76%, 0%, 77%
CMY	0.2431, 1.0000, 0.2275
CMYK	0.02, 1.00, 0.00, 0.23
HSL	299°, 100%, 39%
HSV	299°, 100%, 77%
XYZ	32.0704, 15.3687, 54.0995
YIQ	80.1650, 51.7910, 102.1830

Conversions

Conversions Part 2

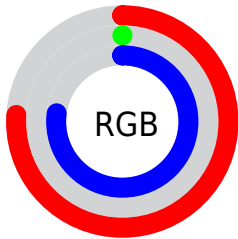
Format	Color
RYB	193, 0, 197
Decimal	12648645
CIELab	46.14, 80.27, -51.28
CIELCh	46, 95.248, 327.428
Yxy	15.3687, 0.3158, 0.1514
Android (android.graphics.Color)	4290838725 (0xFFC100C5)
YUV	80.1650, 57.5997, 98.9563
Hunter-Lab	39.2029, 77.4188, -54.3774

Details

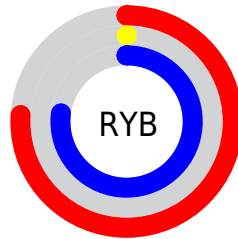
The YUV color **80.1650, 57.5997, 98.9563** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **116.8350, -57.5997, -98.9563**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4330, 47.6075, 83.8123**, and **56.2540, 42.2728, 68.1832** is the 20% darker color. If you saturate the color by 10%, you get **80.1650, 57.5997, 98.9563**, and if you desaturate by 10%, it is **91.9050, 51.8118, 88.6603**.

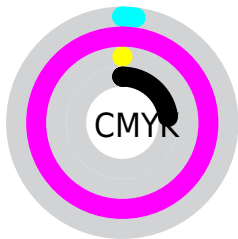
Distribution



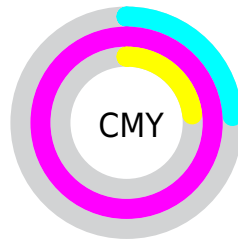
- Red (76%)
- Green (0%)
- Blue (77%)



- Red (76%)
- Yellow (0%)
- Blue (77%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.1650, 57.5997, 98.9563 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 80.1650, 57.5997, 98.9563 by changing the saturation by 10% instead.


 80.1650, 57.5997,
98.9563


 80.1650, 57.5997,
98.9563


255.0000, 0.0000,
0.0000


 68.0030, 49.7915,
83.3124


 157.4330, 47.6075,
83.8123


 56.2540, 42.2728,
68.1832


 176.3420, 38.7784,
68.9831


 44.9180, 35.0434,
53.5689


 193.9520, 30.0967,
53.5391

 33.3970, 28.3983,
38.2398

 210.9750, 21.7043,
38.6099

 22.4740, 21.4583,
24.1403

 228.5850, 13.0226,
23.1660

 9.3870, 16.5712,
4.9226

 246.1950, 4.3409,

 2.9810, 8.8834,

7.7220

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 80.1650, 57.5997,
98.9563

■ 91.9050, 51.8118,
88.6603

■ 103.3570, 46.1660,
79.4939

■ 115.0970, 40.3782,
69.1979

■ 127.1360, 34.4430,
59.5167

■ 138.8760, 28.6551,
49.2207

■ 150.0290, 23.1567,
39.4396

■ 162.0680, 17.2215,
29.7584

■ 173.8080, 11.4337,
19.4624

■ 185.2600, 5.7878,
10.2960

Harmonies

Analogous

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



97.3230, 77.2418, -41.5023



80.1650, 57.5997, 98.9563



84.5430, 17.4803, 133.7048

Triad

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



80.1650, 57.5997, 98.9563



103.1960, -50.8756, 31.4001



102.9280, 38.9825, -90.2679

Complementary

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



80.1650, 57.5997, 98.9563



116.8350, -57.5997, -98.9563

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.



92.9930, 3.4545, -81.5549



80.1650, 57.5997, 98.9563



90.4180, -44.5761, -29.3076

Square

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



80.1650, 57.5997, 98.9563



95.5960, -47.1288, 89.8083



79.2450, -39.0678, -69.4979



108.4630, 67.8057, -95.1221

Rectangle

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



80.1650, 57.5997, 98.9563



79.5120, -5.6754, 140.7480



79.2450, -39.0678, -69.4979



99.9640, 27.6257, -87.6684

Sweetspot

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



80.1650, 57.5997, 98.9563



209.7900, 22.2885, 37.8952



26.5670, 84.0235, -23.2993



100.6990, 13.4594, 23.0660



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.



80.1650, 57.5997, 98.9563



103.8200, 74.5317, 128.1999



70.8730, 16.8246, 110.6134



93.7170, 2.6045, 4.6332



66.4220, 47.6130, 82.0679



14.5690, 10.5655, 17.9180

Inverse Universe

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



59.3590, -27.2920, 120.7112



76.8150, -35.4048, 156.2682



126.1270, -16.8246, -110.6134



92.6910, -1.3267, 5.5330



49.0790, -22.7169, 99.9087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 80.1650, 57.5997, 98.9563 looks on a white background.

Color Contrast Check

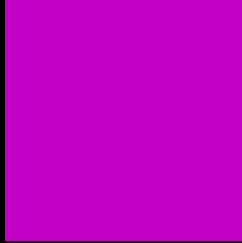
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.1650, 57.5997, 98.9563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

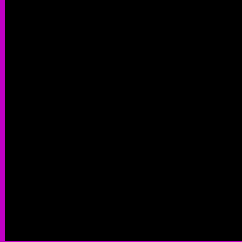
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1650, 57.5997, 98.9563

Background



This preview shows how black text looks on a background with the YUV color 80.1650, 57.5997, 98.9563.



This preview shows how white text looks on a background with the YUV color 80.1650, 57.5997,

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



Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

105.3720, 39.2566, -38.0372

Tritanopia

108.3670, -12.9989, 62.8221

Trichromacy



Protanomaly

85.4700, 64.3513, -13.5672

Deuteranomaly

96.1130, 45.7933, 12.1789

Tritanomaly

98.2140, 12.7125, 76.1113

Monochromacy



Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1380, 21.1310, 35.8360

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1650, 57.5997, 98.9563 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(193, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 0, 197)  
}
```

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(193, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 197) }
```

Border

The CSS property to change the border of an element to YUV 80.1650, 57.5997, 98.9563 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(193, 0, 197) }
```

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

```
.border{ border-color:rgb(193, 0, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 0, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 0,  
197) }
```


Background

The CSS property to change the background color of an element to YUV 80.1650, 57.5997, 98.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 0, 197) }
```

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

```
.background{ background-color: rgb(193, 0,  
197) }
```

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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