

Converting Colors

YUV(80.4640, 57.4522, 99.5711)

Have a look what the booklet for
YUV(80.4640, 57.4522, 99.5711)
contains.

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Color

**YUV(80.4640, 57.4522,
99.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	C200C5
RGB	194, 0, 197
RGB Percent	76%, 0%, 77%
CMY	0.2392, 1.0000, 0.2275
CMYK	0.02, 1.00, 0.00, 0.23
HSL	299°, 100%, 39%
HSV	299°, 100%, 77%
XYZ	32.3262, 15.5006, 54.1114
YIQ	80.4640, 52.3870, 102.3950

Conversions

Conversions Part 2

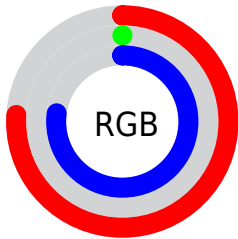
Format	Color
RYB	194, 0, 197
Decimal	12714181
CIELab	46.31, 80.43, -50.98
CIElCh	46, 95.224, 327.629
Yxy	15.5006, 0.3171, 0.1521
Android (android.graphics.Color)	4290904261 (0xFFC200C5)
YUV	80.4640, 57.4522, 99.5711
Hunter-Lab	39.3707, 77.6624, -53.9291

Details

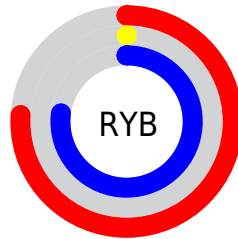
The YUV color **80.4640, 57.4522, 99.5711** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **116.5360, -57.4522, -99.5711**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7320, 47.4601, 84.4270**, and **56.5530, 42.1254, 68.7980** is the 20% darker color. If you saturate the color by 10%, you get **80.4640, 57.4522, 99.5711**, and if you desaturate by 10%, it is **92.2040, 51.6644, 89.2751**.

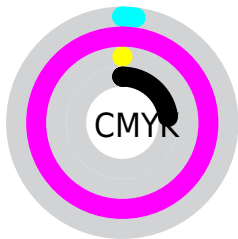
Distribution



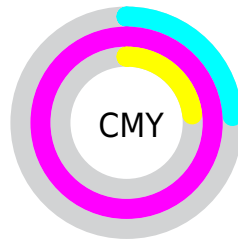
- Red (76%)
- Green (0%)
- Blue (77%)



- 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 80.4640, 57.4522, 99.5711 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 80.4640, 57.4522, 99.5711 by changing the saturation by 10% instead.


 80.4640, 57.4522,
99.5711

 80.4640, 57.4522,
99.5711


255.0000, 0.0000,
0.0000


 68.3020, 49.6441,
83.9271


 157.7320, 47.4601,
84.4270


 56.5530, 42.1254,
68.7980


 176.3420, 38.7784,
68.9831


 45.2170, 34.8960,
54.1837


 193.9520, 30.0967,
53.5391

 33.6960, 28.2509,
38.8546

 211.5620, 21.4149,
38.0951

 22.7730, 21.3109,
24.7551

 228.5850, 13.0226,
23.1660

 9.9850, 16.2764,
6.1522

 246.7820, 4.0515,

 2.9810, 8.8834,

7.2072

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 80.4640, 57.4522,
99.5711

■ 92.2040, 51.6644,
89.2751

■ 103.6560, 46.0186,
80.1087

■ 115.3960, 40.2308,
69.8127

■ 127.1360, 34.4430,
59.5167

■ 138.8760, 28.6551,
49.2207

■ 150.3280, 23.0093,
40.0543

■ 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.



98.6330, 77.0889, -39.1431



80.4640, 57.4522, 99.5711



84.8420, 17.3329, 134.3196

Triad

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



80.4640, 57.4522, 99.5711



103.4950, -51.0230, 32.0149



103.6290, 39.1299, -90.8826

Complementary

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



80.4640, 57.4522, 99.5711



116.5360, -57.4522, -99.5711

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.



93.1070, 3.8912, -81.6548



80.4640, 57.4522, 99.5711



91.0050, -44.8655, -29.8224

Square

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



80.4640, 57.4522, 99.5711



96.1830, -47.4182, 89.2935



79.2450, -39.0678, -69.4979



109.1640, 67.9531, -95.7368

Rectangle

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



80.4640, 57.4522, 99.5711



79.5120, -5.6754, 140.7480



79.2450, -39.0678, -69.4979



100.0780, 28.0625, -87.7684

Sweetspot

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



80.4640, 57.4522, 99.5711



210.0890, 22.1411, 38.5099



24.2190, 85.1810, -21.2401



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.



80.4640, 57.4522, 99.5711



104.1190, 74.3843, 128.8146



70.5310, 15.5142, 110.9133



93.7170, 2.6045, 4.6332



66.7210, 47.4655, 82.6827



14.5690, 10.5655, 17.9180

Inverse Universe

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



59.2450, -27.7288, 120.8111



76.7010, -35.8416, 156.3682



126.4690, -15.5142, -110.9133



92.6910, -1.3267, 5.5330



48.9650, -23.1537, 100.0087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 80.4640, 57.4522, 99.5711 looks on a white background.

Color Contrast Check

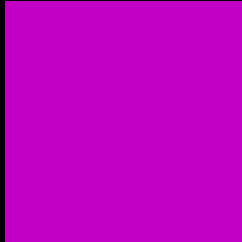
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.4640, 57.4522, 99.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

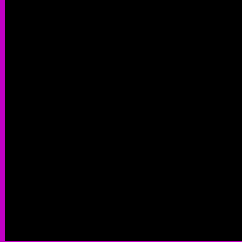
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4640, 57.4522, 99.5711

Background



This preview shows how black text looks on a background with the YUV color 80.4640, 57.4522, 99.5711.



This preview shows how white text looks on a background with the YUV color 80.4640, 57.4522,

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

89.3880, 68.3357, -78.3933

Deuteranopia

105.6710, 39.1092, -37.4225

Tritanopia

108.6660, -13.1463, 63.4369

Trichromacy



Protanomaly

86.4700, 64.3513, -13.5672

Deuteranomaly

96.4120, 45.6459, 12.7937

Tritanomaly

98.5130, 12.5651, 76.7261

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 80.4640, 57.4522, 99.5711 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(194, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 197) }
```

Border

The CSS property to change the border of an element to YUV 80.4640, 57.4522, 99.5711 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(194, 0, 197) }
```

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

```
.border{ border-color:rgb(194, 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(194, 0, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
197) }
```


Background

The CSS property to change the background color of an element to YUV 80.4640, 57.4522, 99.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 197) }
```

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

```
.background{ background-color: rgb(194, 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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