

Converting Colors

YUV(81.3050, 61.9676, 97.9565)

Have a look what the booklet for
YUV(81.3050, 61.9676, 97.9565)
contains.

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Color

**YUV(81.3050, 61.9676,
97.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	C100CF
RGB	193, 0, 207
RGB Percent	76%, 0%, 81%
CMY	0.2431, 1.0000, 0.1882
CMYK	0.07, 1.00, 0.00, 0.19
HSL	296°, 100%, 41%
HSV	296°, 100%, 81%
XYZ	33.2548, 15.8425, 60.3367
YIQ	81.3050, 48.5810, 105.2930

Conversions

Conversions Part 2

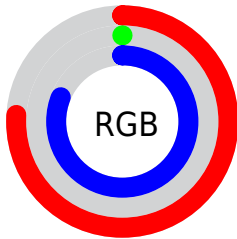
Format	Color
RYB	193, 0, 207
Decimal	12648655
CIELab	46.77, 81.78, -56.06
CIELCh	47, 99.144, 325.570
Yxy	15.8425, 0.3039, 0.1448
Android (android.graphics.Color)	4290838735 (0xFFC100CF)
YUV	81.3050, 61.9676, 97.9565
Hunter-Lab	39.8026, 79.4811, -62.0158

Details

The YUV color **81.3050, 61.9676, 97.9565** 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 **125.6950, -61.9676, -97.9565**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4330, 47.6075, 83.8123**, and **57.3940, 46.6408, 67.1835** is the 20% darker color. If you saturate the color by 10%, you get **81.3050, 61.9676, 97.9565**, and if you desaturate by 10%, it is **93.9310, 55.7430, 87.7605**.

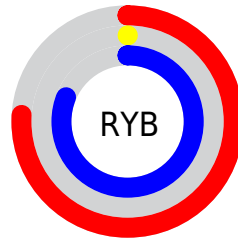
Distribution



Red (76%)

Green (0%)

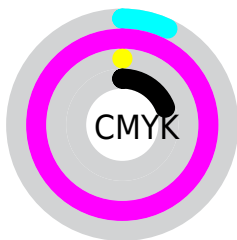
Blue (81%)



Red (76%)

Yellow (0%)

Blue (81%)

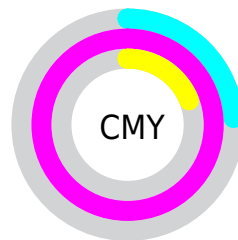


Cyan (7%)

Magenta (100%)

Yellow (0%)

Black (19%)



Cyan (24%)


Magenta (100%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.3050, 61.9676, 97.9565 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 81.3050, 61.9676, 97.9565 by changing the saturation by 10% instead.


 81.3050, 61.9676,
97.9565


 81.3050, 61.9676,
97.9565


255.0000, 0.0000,
0.0000


 69.1430, 54.1595,
82.3126


 158.4330, 47.6075,
83.8123


 57.3940, 46.6408,
67.1835


 176.9290, 38.4890,
68.4683


 45.6450, 39.1220,
52.0543


 193.9520, 30.0967,
53.5391

 34.0100, 32.0401,
36.8252

 211.5620, 21.4149,
38.0951

 23.2010, 25.5369,
22.6257

 229.1720, 12.7332,
22.6512

 10.0000, 20.2130,
3.5080

 246.7820, 4.0515,

 4.3660, 11.6516,

7.2072

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 81.3050, 61.9676,
97.9565

■ 93.9310, 55.7430,
87.7605

■ 106.2690, 49.6604,
78.6941

■ 118.8950, 43.4358,
68.4981

■ 131.8200, 37.0637,
58.9169

■ 144.4460, 30.8391,
48.7209

■ 156.4850, 24.9039,
39.0397

■ 169.4100, 18.5319,
29.4584

■ 182.0360, 12.3073,
19.2624

■ 194.3740, 6.2246,
10.1960

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



81.3050, 61.9676, 97.9565



87.1350, 19.6534, 136.6936

Triad

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



81.3050, 61.9676, 97.9565



104.7020, -51.6181, 36.2183



104.6890, 38.1143, -91.8123

Complementary

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



81.3050, 61.9676, 97.9565



125.6950, -61.9676, -97.9565

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.



93.7110, 1.1285, -82.1845



81.3050, 61.9676, 97.9565



92.5000, -45.6025, -26.7485

Square

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



81.3050, 61.9676, 97.9565



95.0530, -46.8611, 97.3005



80.4190, -39.6466, -70.5275



110.6800, 68.6848, -97.0664

Rectangle

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



81.3050, 61.9676, 97.9565



82.1750, -4.5233, 144.5515



80.4190, -39.6466, -70.5275



100.9100, 26.1734, -88.4981

Sweetspot

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



81.3050, 61.9676, 97.9565



208.8930, 22.7308, 36.0508



33.5770, 85.4975, -29.4470



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.



81.3050, 61.9676, 97.9565



100.2320, 76.3006, 120.8225



75.6870, 22.3393, 115.1615



98.2440, 3.3307, 5.0480



66.0950, 50.2392, 79.7237



16.0360, 12.3073, 19.2624

Inverse Universe

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



63.4890, -24.3981, 125.8591



78.1830, -30.1632, 155.0685



131.3130, -22.3393, -115.1615



97.4030, -1.1847, 6.6626



51.4860, -19.9596, 102.1828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 81.3050, 61.9676, 97.9565 looks on a white background.

Color Contrast Check

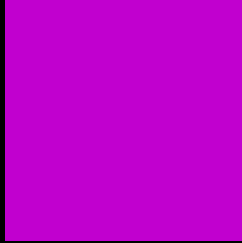
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.3050, 61.9676, 97.9565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

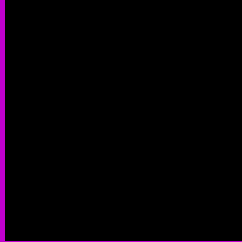
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3050, 61.9676, 97.9565

Background



This preview shows how black text looks on a background with the YUV color 81.3050, 61.9676, 97.9565.



This preview shows how white text looks on a background with the YUV color 81.3050, 61.9676,

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

90.2030, 68.9199, -79.1080

Deuteranopia

103.7990, 44.9621, -48.0587

Tritanopia

110.9860, -11.8251, 59.6483

Trichromacy



Protanomaly

86.7410, 66.6827, -14.6819

Deuteranomaly

95.7360, 50.9092, 4.6165

Tritanomaly

100.4740, 15.0493, 73.2523

Monochromacy



Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.4800, 22.4414, 35.5360

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3050, 61.9676, 97.9565 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 0, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 207) }
```

Border

The CSS property to change the border of an element to YUV 81.3050, 61.9676, 97.9565 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, 207) }
```

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

```
.border{ border-color:rgb(193, 0, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 0,  
207) }
```


Background

The CSS property to change the background color of an element to YUV 81.3050, 61.9676, 97.9565 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, 207) }
```

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

```
.background{ background-color: rgb(193, 0,  
207) }
```

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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