

Converting Colors

YUV(84.2110, 67.9300, 98.9160)

Have a look what the booklet for
YUV(84.2110, 67.9300, 98.9160)
contains.

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Color

**YUV(84.2110, 67.9300,
98.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	C500DE
RGB	197, 0, 222
RGB Percent	77%, 0%, 87%
CMY	0.2275, 1.0000, 0.1294
CMYK	0.11, 1.00, 0.00, 0.13
HSL	293°, 100%, 44%
HSV	293°, 100%, 87%
XYZ	36.2108, 17.1442, 70.5079
YIQ	84.2110, 46.1500, 110.8060

Conversions

Conversions Part 2

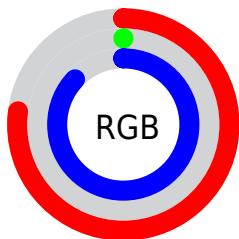
Format	Color
RYB	197, 0, 222
Decimal	12910814
CIELab	48.44, 84.70, -61.92
CIElCh	48, 104.926, 323.830
Yxy	17.1442, 0.2923, 0.1384
Android (android.graphics.Color)	4291100894 (0xFFC500DE)
YUV	84.2110, 67.9300, 98.9160
Hunter-Lab	41.4056, 83.6452, -71.9786

Details

The YUV color **84.2110, 67.9300, 98.9160** 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 **137.7890, -67.9300, -98.9160**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9060, 46.8813, 83.3974**, and **60.1860, 52.1663, 68.2429** is the 20% darker color. If you saturate the color by 10%, you get **84.2110, 67.9300, 98.9160**, and if you desaturate by 10%, it is **97.7230, 61.2686, 88.8199**.

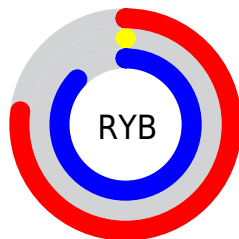
Distribution



Red (77%)

Green (0%)

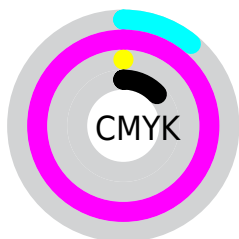
Blue (87%)



Red (77%)

Yellow (0%)

Blue (87%)

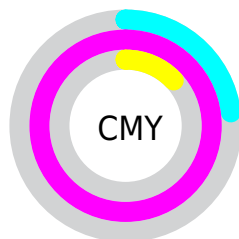


Cyan (11%)

Magenta (100%)

Yellow (0%)

Black (13%)



Cyan (23%)


Magenta (100%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.2110, 67.9300, 98.9160 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 84.2110, 67.9300, 98.9160 by changing the saturation by 10% instead.


 84.2110, 67.9300,
98.9160


 84.2110, 67.9300,
98.9160


255.0000, 0.0000,
0.0000


 72.0490, 60.1218,
83.2720


 159.9060, 46.8813,
83.3974


 60.1860, 52.1663,
68.2429


 178.1030, 37.9102,
67.4387


 48.1380, 44.7950,
52.4990


 195.7130, 29.2285,
51.9947

 36.3890, 37.2762,
37.3698

 213.3230, 20.5468,
36.5507

 25.4660, 30.3363,
23.2703

 230.9330, 11.8650,
21.1068

 11.6670, 25.3072,
2.9230

 248.5430, 3.1833,

 6.2070, 16.1669,

5.6628

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 84.2110, 67.9300,
98.9160

■ 97.7230, 61.2686,
88.8199

■ 111.5340, 54.4597,
79.3387

■ 125.6330, 47.5089,
68.7279

■ 139.4440, 40.7001,
59.2466

■ 152.9560, 34.0387,
49.1506

■ 166.7670, 27.2299,
39.6693

■ 180.2790, 20.5685,
29.5733

■ 194.6770, 13.4702,
19.5773

■ 208.1890, 6.8088,
9.4812

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



84.2110, 67.9300, 98.9160



91.3790, 22.9842, 141.7416

Triad

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



84.2110, 67.9300, 98.9160



108.8660, -53.6709, 41.3365



107.9660, 37.9778, -94.6862

Complementary

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



84.2110, 67.9300, 98.9160



137.7890, -67.9300, -98.9160

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.



96.3040, -1.6289, -84.4586



84.2110, 67.9300, 98.9160



97.2290, -47.9339, -25.6338

Square

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



84.2110, 67.9300, 98.9160



95.1190, -46.8937, 107.7666



83.3540, -41.0935, -73.1015



115.3590, 68.8430, -101.1698

Rectangle

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



84.2110, 67.9300, 98.9160



85.3650, -2.6449, 148.7699



83.3540, -41.0935, -73.1015



104.6600, 25.3106, -91.7868

Sweetspot

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



84.2110, 67.9300, 98.9160



207.6970, 23.3204, 33.5917



40.5700, 89.4450, -35.5799



99.2040, 14.1964, 19.9921



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.



84.2110, 67.9300, 98.9160



96.6440, 78.0695, 113.4452



81.9960, 27.1170, 122.7835



105.2440, 3.3307, 5.0480



66.7080, 53.8810, 78.3091



18.3290, 14.6278, 21.6365

Inverse Universe

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



69.2280, -21.8044, 133.9810



79.5510, -24.9216, 153.8688



140.0040, -27.1170, -122.7835



104.4030, -1.1847, 6.6626



54.9040, -17.2077, 106.2012



14.9220, -4.8915, 29.0094

Previews

White Background



This preview shows how the YUV color 84.2110, 67.9300, 98.9160 looks on a white background.

Color Contrast Check

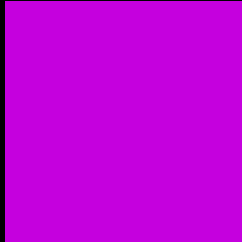
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.2110, 67.9300, 98.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

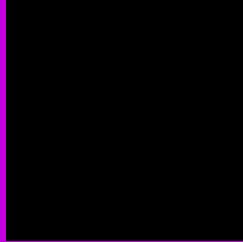
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2110, 67.9300, 98.9160

Background



This preview shows how black text looks on a background with the YUV color 84.2110, 67.9300, 98.9160.



This preview shows how white text looks on a background with the YUV color 84.2110, 67.9300,

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

93.4630, 71.2567, -81.9671

Deuteranopia

101.1540, 53.1681, -66.7871

Tritanopia

115.7900, -11.2355, 57.1892

Trichromacy



Protanomaly

90.2400, 69.8877, -15.9965

Deuteranomaly

95.3200, 58.5092, -6.4196

Tritanomaly

104.1580, 17.6701, 72.6524

Monochromacy



Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7620, 24.7673, 36.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2110, 67.9300, 98.9160 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(197, 0, 222)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 222)  
}
```

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(197, 0, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 222) }
```

Border

The CSS property to change the border of an element to YUV 84.2110, 67.9300, 98.9160 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(197, 0, 222) }
```

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

```
.border{ border-color:rgb(197, 0, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 0, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(197, 0,  
222) }
```


Background

The CSS property to change the background color of an element to YUV 84.2110, 67.9300, 98.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 222) }
```

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

```
.background{ background-color: rgb(197, 0,  
222) }
```

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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