

Converting Colors

YUV(83.8140, 49.8847,
100.1411)

Have a look what the booklet for
YUV(83.8140, 49.8847, 100.1411)
contains.

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Color

**YUV(83.8140, 49.8847,
100.1411)**

Conversions

Conversions Part 1

Format	Color
Hex	C606B9
RGB	198, 6, 185
RGB Percent	78%, 2%, 73%
CMY	0.2235, 0.9765, 0.2745
CMYK	0.00, 0.97, 0.07, 0.22
HSL	304°, 94%, 40%
HSV	304°, 97%, 78%
XYZ	32.1108, 15.6388, 47.2251
YIQ	83.8140, 56.9730, 96.3730

Conversions

Conversions Part 2

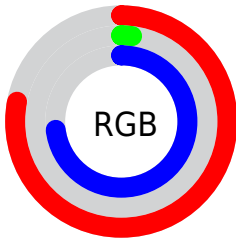
Format	Color
RYB	198, 6, 185
Decimal	12977849
CIELab	46.50, 78.85, -43.64
CIElCh	46, 90.122, 331.039
Yxy	15.6388, 0.3381, 0.1647
Android (android.graphics.Color)	4291167929 (0xFFC606B9)
YUV	83.8140, 49.8847, 100.1411
Hunter-Lab	39.5459, 75.7344, -43.1210

Details

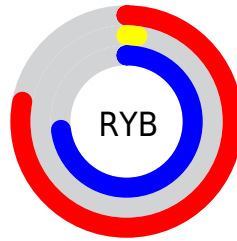
The YUV color **83.8140, 49.8847, 100.1411** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **120.1860, -49.8847, -100.1411**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8370, 41.4924, 85.2120**, and **56.4950, 36.7310, 72.3569** is the 20% darker color. If you saturate the color by 10%, you get **80.2920, 51.6210, 103.2299**, and if you desaturate by 10%, it is **95.6680, 44.5337, 89.7452**.

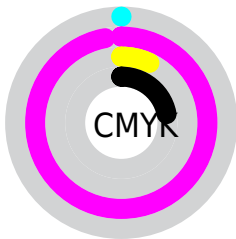
Distribution



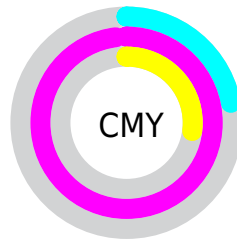
- Red (78%)
- Green (2%)
- Blue (73%)



- Red (78%)
- Yellow (2%)
- Blue (73%)



- Cyan (0%)
- Magenta (97%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (98%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.8140, 49.8847, 100.1411 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 83.8140, 49.8847, 100.1411 by changing the saturation by 10% instead.


 83.8140, 49.8847,
100.1411


 83.8140, 49.8847,
100.1411


255.0000, 0.0000,
0.0000


 68.2440, 44.2497,
87.4860


 157.8370, 41.4924,
85.2120


 56.4950, 36.7310,
72.3569


 176.9290, 38.4890,
68.4683


 45.1590, 29.5016,
57.7426


 194.5390, 29.8073,
53.0243

 33.7520, 23.2933,
42.3135

 212.1490, 21.1255,
37.5803

 22.9430, 16.7901,
28.1140

 229.7590, 12.4438,
22.1364

 11.0520, 11.3134,
11.3554

 247.3690, 3.7621,

 0.9120, 3.4944,

6.6924

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 83.8140, 49.8847,
100.1411

■ 83.8140, 49.8847,
100.1411

■ 80.2920, 51.6210,
103.2299

■ 95.6680, 44.5337,
89.7452

■ 107.6360, 39.6195,
79.2492

■ 118.9030, 34.5578,
69.3681

■ 130.7570, 29.2068,
58.9721

■ 142.7250, 24.2926,
48.4762

■ 154.5790, 18.9416,
38.0802

■ 166.4330, 13.5905,
27.6843

■ 177.8140, 8.9657,
17.7031

■ 189.6680, 3.6147,
7.3072

Harmonies

Analogous

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



106.7520, 66.6773, -12.9375



83.8140, 49.8847, 100.1411



82.6200, 13.9913, 132.7603

Triad

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



83.8140, 49.8847, 100.1411



103.4510, -51.0013, 25.0375



103.4980, 41.1665, -90.7677

Complementary

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



83.8140, 49.8847, 100.1411



120.1860, -49.8847, -100.1411

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.



94.2470, 8.2592, -82.6546



83.8140, 49.8847, 100.1411



89.4990, -44.1230, -34.6406

Square

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



83.8140, 49.8847, 100.1411



99.6610, -49.1329, 79.2273



81.9810, -28.5846, -71.8973



107.6480, 67.2215, -94.4073

Rectangle

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



83.8140, 49.8847, 100.1411



77.0340, -7.4118, 137.6592



81.9810, -28.5846, -71.8973



100.7620, 30.6833, -88.3683

Sweetspot

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



83.8140, 49.8847, 100.1411



210.9920, 19.2309, 38.5950



31.7750, 81.9489, -11.2037



101.1290, 11.2754, 23.5659



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.



83.8140, 49.8847, 100.1411



103.3770, 66.3691, 132.9734



72.8700, 7.9521, 109.7390



93.7170, 2.6045, 4.6332



66.0650, 42.3660, 85.0120



14.5260, 9.1077, 18.8327

Inverse Universe

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



83.8140, 49.8847, 100.1411



103.3770, 66.3691, 132.9734



131.1300, -7.9521, -109.7390



93.7170, 2.6045, 4.6332



66.0650, 42.3660, 85.0120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 83.8140, 49.8847, 100.1411 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 83.8140, 49.8847, 100.1411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

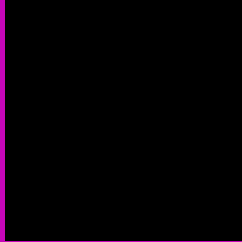
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8140, 49.8847, 100.1411

Background



This preview shows how black text looks on a background with the YUV color 83.8140, 49.8847, 100.1411.



This preview shows how white text looks on a background with the YUV color 83.8140, 49.8847,

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

83.8140, 49.8847, 100.1411

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

109.2010, 31.9459, -26.4863



Tritanopia

107.5420, -15.0572, 69.6847

Trichromacy



Original Color

83.8140, 49.8847, 100.1411



Protanomaly

87.4870, 61.8779, -13.5821



Deuteranomaly

99.6210, 38.6408, 19.6264



Tritanomaly

99.0960, 8.3337, 80.5998

Monochromacy



Original Color

83.8140, 49.8847, 100.1411



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

84.0410, 18.2208, 35.9210

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8140, 49.8847, 100.1411 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(198, 6, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 6, 185)  
}
```

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(198, 6, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 6, 185) }
```

Border

The CSS property to change the border of an element to YUV 83.8140, 49.8847, 100.1411 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(198, 6, 185) }
```


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

```
.border{ border-color:rgb(198, 6, 185) }
```

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

Here you see how a box with a 4 pixel rgb(198, 6, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 6, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 6, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 6,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 83.8140, 49.8847, 100.1411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 6, 185) }
```

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

```
.background{ background-color: rgb(198, 6,  
185) }
```

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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