

Converting Colors

YUV(107.1530, 38.8716,
85.8118)

Have a look what the booklet for
YUV(107.1530, 38.8716, 85.8118)
contains.

YUV(107.1530, 38.8716, 85.8118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.1530, 38.8716,
85.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	CD2ABA
RGB	205, 42, 186
RGB Percent	80%, 16%, 73%
CMY	0.1961, 0.8353, 0.2706
CMYK	0.00, 0.80, 0.09, 0.20
HSL	307°, 66%, 48%
HSV	307°, 80%, 80%
XYZ	34.8677, 18.1802, 48.1258
YIQ	107.1530, 50.9240, 79.3400

Conversions

Conversions Part 2

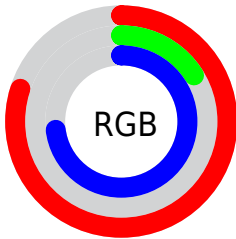
Format	Color
RYB	205, 42, 186
Decimal	13445818
CIELab	49.71, 74.68, -39.05
CIELCh	50, 84.273, 332.397
Yxy	18.1802, 0.3446, 0.1797
Android (android.graphics.Color)	4291635898 (0xFFCD2ABA)
YUV	107.1530, 38.8716, 85.8118
Hunter-Lab	42.6383, 71.3525, -37.0737

Details

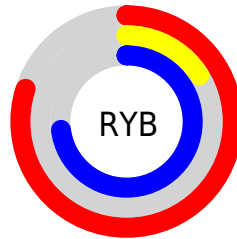
The YUV color **107.1530, 38.8716, 85.8118** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **139.8470, -38.8716, -85.8118**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7560, 37.5883, 77.3900**, and **58.7020, 36.1359, 76.5603** is the 20% darker color. If you saturate the color by 10%, you get **94.5980, 44.0752, 96.8226**, and if you desaturate by 10%, it is **119.1210, 33.9573, 75.3159**.

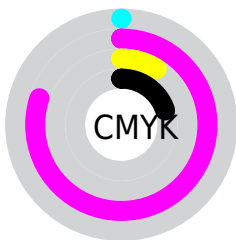
Distribution



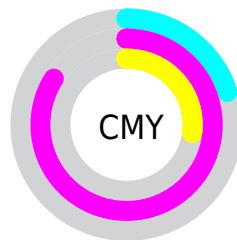
- Red (80%)
- Green (16%)
- Blue (73%)



- Red (80%)
- Yellow (16%)
- Blue (73%)



- Cyan (0%)
- Magenta (80%)
- Yellow (9%)
- Black (20%)





- Cyan (20%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1530, 38.8716, 85.8118 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 107.1530, 38.8716, 85.8118 by changing the saturation by 10% instead.


 107.1530, 38.8716,
85.8118

 107.1530, 38.8716,
85.8118


255.0000, 0.0000,
0.0000


 70.4510, 43.6547,
91.6895


 166.7560, 37.5883,
77.3900


 58.7020, 36.1359,
76.5603


 185.7340, 34.1481,
60.7463

 47.4800, 29.3434,
61.8460


 202.7570, 25.7558,
45.8171

 36.2580, 22.5508,
47.1317

 220.3670, 17.0741,
30.3731

 25.7480, 15.9002,
33.5470

 237.3900, 8.6817,
15.4440

 14.2700, 10.7129,
17.3032

 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 107.1530, 38.8716,
85.8118

■ 107.1530, 38.8716,
85.8118

■ 94.5980, 44.0752,
96.8226

■ 119.1210, 33.9573,
75.3159

■ 82.5160, 48.5526,
107.4185

■ 131.7900, 29.1905,
64.2052

■ 81.9290, 48.8420,
107.9333

■ 144.3450, 23.9869,
53.1944

■ 156.4270, 19.5095,
42.5985

■ 168.9820, 14.3059,
31.5878

■ 180.9500, 9.3917,
21.0919

■ 193.6190, 4.6248,
9.9811

■ 205.5870, -0.2894,
-0.5148

■ 218.2560, -5.0562,
-11.6255

Harmonies

Analogous

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



117.3250, 60.9718, -2.9160



107.1530, 38.8716, 85.8118



84.3860, 15.5857, 134.7195

Triad

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



107.1530, 38.8716, 85.8118



110.8270, -54.6377, 24.7077



108.4050, 42.1983, -95.0712

Complementary

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



107.1530, 38.8716, 85.8118



139.8470, -38.8716, -85.8118

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.



100.1970, 10.7489, -87.8728



107.1530, 38.8716, 85.8118



97.7830, -48.2070, -31.3817

Square

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



107.1530, 38.8716, 85.8118



109.0750, -53.7740, 74.4792



88.9570, -22.1638, -78.0153



111.3980, 66.3588, -97.6960

Rectangle

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



107.1530, 38.8716, 85.8118



78.7290, -4.7964, 138.8037



88.9570, -22.1638, -78.0153



106.3700, 31.8626, -93.2865

Sweetspot

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



107.1530, 38.8716, 85.8118



218.3950, 14.5953, 32.1026



65.3660, 68.8396, -6.4600



105.7110, 8.5235, 19.5475



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.



107.1530, 38.8716, 85.8118



109.7540, 57.8023, 127.3807



98.1470, 4.3645, 93.7101



96.0160, 2.4571, 5.2480



66.2780, 39.3029, 87.4562



15.2380, 9.2497, 19.9623

Inverse Universe

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



107.1530, 38.8716, 85.8118



109.7540, 57.8023, 127.3807



148.8530, -4.3645, -93.7101



96.0160, 2.4571, 5.2480



66.2780, 39.3029, 87.4562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 107.1530, 38.8716, 85.8118 looks on a white background.

Color Contrast Check

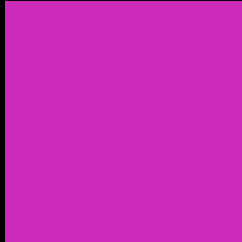
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.1530, 38.8716, 85.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

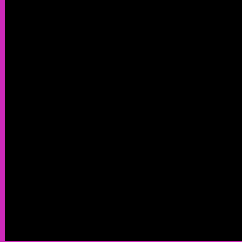
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.1530, 38.8716, 85.8118

Background



This preview shows how black text looks on a background with the YUV color 107.1530, 38.8716, 85.8118.



This preview shows how white text looks on a background with the YUV color 107.1530, 38.8716, 85.8118.

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

107.1530, 38.8716, 85.8118

Protanopia

95.3210, 73.2987, -83.5965

Deuteranopia

117.4360, 28.8721, -20.5534



Tritanopia

115.6560, -14.6204, 69.5847

Trichromacy



Original Color

107.1530, 38.8716, 85.8118



Protanomaly

99.5030, 60.8840, -21.4891



Deuteranomaly

113.4160, 32.8259, 18.0522



Tritanomaly

112.7380, 4.5662, 75.6518

Monochromacy



Original Color

107.1530, 38.8716, 85.8118



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.9820, 14.3059, 31.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1530, 38.8716, 85.8118 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(205, 42, 186)` looks like.

```
.text, #text, p{  
    color:rgb(205, 42, 186)  
}
```

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(205, 42, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 42, 186) }
```

Border

The CSS property to change the border of an element to YUV 107.1530, 38.8716, 85.8118 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(205, 42, 186) }
```


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

```
.border{ border-color:rgb(205, 42, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 42, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 42, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 42, 186);  
box-shadow:4px 4px 4px 4px rgb(205, 42,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 107.1530, 38.8716, 85.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 42, 186) }
```

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

```
.background{ background-color: rgb(205, 42,  
186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor