

Converting Colors

YUV(108.2480, 48.1917,
83.0975)

Have a look what the booklet for
YUV(108.2480, 48.1917, 83.0975)
contains.

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Color

**YUV(108.2480, 48.1917,
83.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	CB29CE
RGB	203, 41, 206
RGB Percent	80%, 16%, 81%
CMY	0.2039, 0.8392, 0.1922
CMYK	0.01, 0.80, 0.00, 0.19
HSL	299°, 67%, 48%
HSV	299°, 80%, 81%
XYZ	36.5621, 18.7386, 60.0824
YIQ	108.2480, 43.5870, 85.6590

Conversions

Conversions Part 2

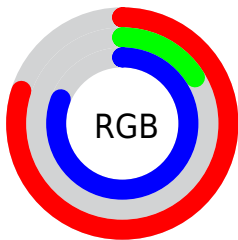
Format	Color
RYB	203, 41, 206
Decimal	13314510
CIELab	50.38, 77.52, -49.60
CIElCh	50, 92.024, 327.389
Yxy	18.7386, 0.3169, 0.1624
Android (android.graphics.Color)	4291504590 (0xFFFCB29CE)
YUV	108.2480, 48.1917, 83.0975
Hunter-Lab	43.2881, 75.0109, -51.9907

Details

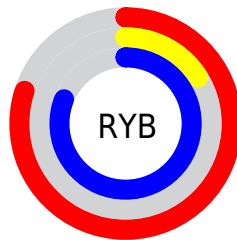
The YUV color **108.2480, 48.1917, 83.0975** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **138.7520, -48.1917, -83.0975**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, and **60.2700, 44.7299, 73.4312** is the 20% darker color. If you saturate the color by 10%, you get **95.9210, 54.2689, 93.9083**, and if you desaturate by 10%, it is **120.5750, 42.1145, 72.2867**.

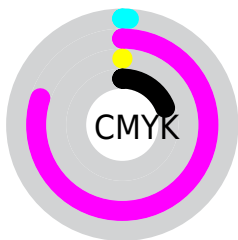
Distribution



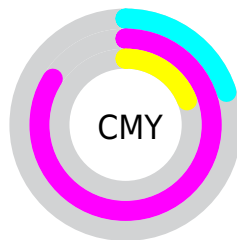
- Red (80%)
- Green (16%)
- Blue (81%)



- Red (80%)
- Yellow (16%)
- Blue (81%)



- Cyan (1%)
- Magenta (80%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (84%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.2480, 48.1917, 83.0975 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 108.2480, 48.1917, 83.0975 by changing the saturation by 10% instead.

■ 108.2480, 48.1917,
83.0975

■ 108.2480, 48.1917,
83.0975

255.0000, 0.0000,
0.0000

■ 72.0190, 52.2486,
88.5603

■ 168.1240, 42.8299,
76.1903

■ 60.2700, 44.7299,
73.4312

■ 185.7340, 34.1481,
60.7463

■ 48.8200, 37.0637,
58.9169

■ 202.7570, 25.7558,
45.8171

■ 37.2990, 30.4186,
43.5878

■ 220.3670, 17.0741,
30.3731

■ 26.9740, 23.1838,
30.7178

■ 237.9770, 8.3923,
14.9292

■ 15.0830, 17.7071,
13.9592

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 108.2480, 48.1917,
83.0975

■ 108.2480, 48.1917,
83.0975

■ 95.9210, 54.2689,
93.9083

■ 120.5750, 42.1145,
72.2867

■ 83.8820, 60.2042,
103.5895

■ 132.6140, 36.1793,
62.6055

■ 144.9410, 30.1021,
51.7947

■ 156.6810, 24.3143,
41.4988

■ 169.3070, 18.0896,
31.3028

■ 181.6340, 12.0124,
20.4920

■ 193.6730, 6.0772,
10.8108

■ 206.0000, 0.0000,
0.0000

■ 217.7400, -5.7878,
-10.2960

Harmonies

Analogous

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



111.6680, 70.6627, -31.2808



108.2480, 48.1917, 83.0975



88.6730, 20.3742, 138.8528

Triad

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



108.2480, 48.1917, 83.0975



112.9530, -55.6858, 34.2442



110.4110, 39.7304, -96.8304

Complementary

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



108.2480, 48.1917, 83.0975



138.7520, -48.1917, -83.0975

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.



100.7040, 5.0759, -88.3174



108.2480, 48.1917, 83.0975



101.6590, -50.1179, -25.1339

Square

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



108.2480, 48.1917, 83.0975



107.1030, -52.8018, 89.3637



87.4120, -35.6991, -76.6603



115.7180, 67.6800, -101.4847

Rectangle

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



108.2480, 48.1917, 83.0975



83.7560, -2.3447, 145.7960



87.4120, -35.6991, -76.6603



107.4470, 28.3736, -94.2310

Sweetspot

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



108.2480, 48.1917, 83.0975



218.8940, 17.8003, 30.7880



62.7450, 70.6247, -19.0704



105.9820, 10.8549, 18.4328



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.



108.2480, 48.1917, 83.0975



109.9890, 71.4904, 123.6666



100.3670, 14.1161, 92.6401



96.1300, 2.8939, 5.1480



67.6610, 48.4811, 83.6123



15.6940, 10.9969, 19.5624

Inverse Universe

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



90.6770, -23.0118, 101.1383



83.8250, -33.9307, 150.1205



146.6330, -14.1161, -92.6401



94.9900, -1.4741, 6.1478



49.9760, -23.1592, 101.7530



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 108.2480, 48.1917, 83.0975 looks on a white background.

Color Contrast Check

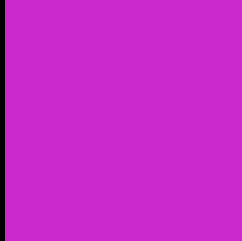
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 108.2480, 48.1917, 83.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

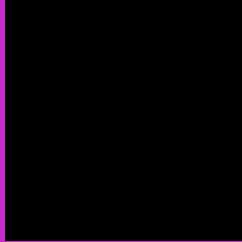
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.2480, 48.1917, 83.0975

Background



This preview shows how black text looks on a background with the YUV color 108.2480, 48.1917, 83.0975.



This preview shows how white text looks on a background with the YUV color 108.2480, 48.1917, 83.0975.

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

108.2480, 48.1917, 83.0975

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

115.9810, 38.9564, -35.0633



Tritanopia

119.1820, -12.4147, 62.1074

Trichromacy



Original Color

108.2480, 48.1917, 83.0975



Protanomaly

100.7030, 64.2364, -23.4185



Deuteranomaly

113.1680, 42.3152, 7.7457



Tritanomaly

115.3720, 9.6766, 69.8338

Monochromacy



Original Color

108.2480, 48.1917, 83.0975



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

108.4810, 17.5109, 30.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.2480, 48.1917, 83.0975 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(203, 41, 206)` looks like.

```
.text, #text, p{  
    color:rgb(203, 41, 206)  
}
```

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(203, 41, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 41, 206) }
```

Border

The CSS property to change the border of an element to YUV 108.2480, 48.1917, 83.0975 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(203, 41, 206) }
```


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

```
.border{ border-color:rgb(203, 41, 206) }
```

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

Here you see how a box with a 4 pixel rgb(203, 41, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 41, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 41, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 41,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 108.2480, 48.1917, 83.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 41, 206) }
```

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

```
.background{ background-color: rgb(203, 41,  
206) }
```

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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