

# Converting Colors

YUV(82.0430, 49.2788,  
107.8333)

Have a look what the booklet for  
YUV(82.0430, 49.2788, 107.8333)  
contains.

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# Color

**YUV(82.0430, 49.2788,  
107.8333)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD00B6
RGB	205, 0, 182
RGB Percent	80%, 0%, 71%
CMY	0.1961, 1.0000, 0.2863
CMYK	0.00, 1.00, 0.11, 0.20
HSL	307°, 100%, 40%
HSV	307°, 100%, 80%
XYZ	33.6203, 16.3565, 45.6411
YIQ	82.0430, 63.7580, 100.0620

# Conversions

## Conversions Part 2

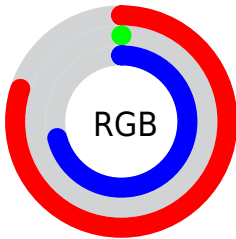
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 0, 182
Decimal	13435062
CIE <sub>Lab</sub>	47.44, 80.17, -40.30
CIE <sub>LCh</sub>	47, 89.727, 333.310
Yxy	16.3565, 0.3516, 0.1711
Android (android.graphics.Color)	4291625142 (0xFFCD00B6)
YUV	82.0430, 49.2788, 107.8333
Hunter-Lab	40.4432, 77.6109, -38.5999

# Details

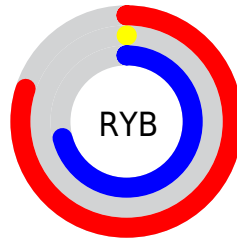
The YUV color **82.0430, 49.2788, 107.8333** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **122.9570, -49.2788, -107.8333**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3810, 39.7452, 85.6119**, and **58.2460, 34.3887, 76.9603** is the 20% darker color. If you saturate the color by 10%, you get **82.0430, 49.2788, 107.8333**, and if you desaturate by 10%, it is **94.0110, 44.3646, 97.3374**.

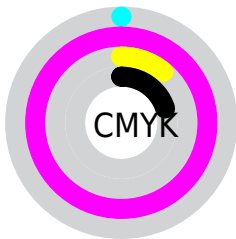
# Distribution



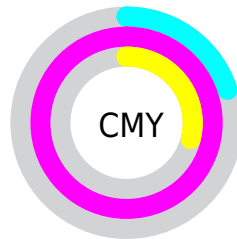
- Red (80%)
- Green (0%)
- Blue (71%)



- Red (80%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (20%)




- Cyan (20%)
- Magenta (100%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 82.0430, 49.2788, 107.8333 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 82.0430, 49.2788, 107.8333 by changing the saturation by 10% instead.





 82.0430, 49.2788,  
107.8333


 82.0430, 49.2788,  
107.8333


255.0000, 0.0000,  
0.0000


 69.9950, 41.9075,  
92.0894


 157.3810, 39.7452,  
85.6119


 58.2460, 34.3887,  
76.9603


 177.5160, 38.1996,  
67.9535


 46.7250, 27.7436,  
61.6312


 195.1260, 29.5179,  
52.5095

 35.2040, 21.0984,  
46.3021

 212.1490, 21.1255,  
37.5803

 24.8080, 14.8847,  
32.6174

 229.7590, 12.4438,  
22.1364

 12.9170, 9.4079,  
15.8588

 247.9560, 3.4727,

 0.3420, 1.3104,

6.1776

-0.2999

■ 0.0000, 0.0000,  
0.0000

■ 82.0430, 49.2788,  
107.8333

■ 94.0110, 44.3646,  
97.3374

■ 106.6800, 39.5978,  
86.2266

■ 119.2350, 34.3941,  
75.2159

■ 131.2030, 29.4799,  
64.7200

■ 143.8720, 24.7131,  
53.6093

■ 155.8400, 19.7989,  
43.1133

■ 168.3950, 14.5953,  
32.1026

■ 180.3630, 9.6810,  
21.6066

■ 193.0320, 4.9142,  
10.4959

# Harmonies

## Analogous

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



111.1340, 64.0239, -1.8715



82.0430, 49.2788, 107.8333



83.1750, 12.2387, 134.9045

# Triad

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



82.0430, 49.2788, 107.8333



105.2010, -51.8641, 21.7487



105.5840, 44.0821, -92.5972

# Complementary

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



82.0430, 49.2788, 107.8333



122.9570, -49.2788, -107.8333

# 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.



96.9200, 10.8854, -84.9988



82.0430, 49.2788, 107.8333



89.1670, -43.9593, -40.4885

# Square

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



82.0430, 49.2788, 107.8333



103.4710, -51.0112, 75.0089



84.9960, -24.6480, -74.5415



108.9190, 69.5529, -95.5220



# Rectangle

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



82.0430, 49.2788, 107.8333



76.9910, -8.8696, 138.5739



84.9960, -24.6480, -74.5415



103.4350, 33.3095, -90.7125

# Sweetspot

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



82.0430, 49.2788, 107.8333



209.3620, 18.0625, 40.0245



29.3500, 86.5954, -8.2000



100.3140, 10.6912, 24.2806



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.



82.0430, 49.2788, 107.8333



102.0090, 61.1276, 134.1731



70.6430, 5.5990, 117.8311



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623



# Inverse Universe

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



82.0430, 49.2788, 107.8333



102.0090, 61.1276, 134.1731



134.3570, -5.5990, -117.8311



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623



# Previews

## White Background



This preview shows how the YUV color 82.0430, 49.2788, 107.8333 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

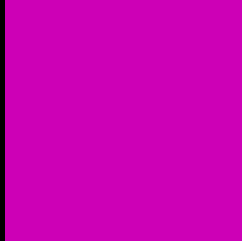
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 82.0430, 49.2788, 107.8333 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

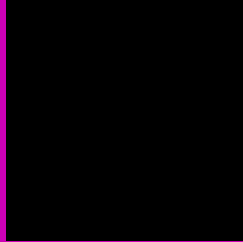
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 82.0430, 49.2788, 107.8333

## Background



This preview shows how black text looks on a background with the YUV color 82.0430, 49.2788, 107.8333.



This preview shows how white text looks on a background with the YUV color 82.0430, 49.2788,



# 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

91.2460, 70.3777, -80.0227

### Deuteranopia

113.0230, 28.5827, -21.0682

### Tritanopia

109.2330, -16.3839, 75.2177

# Trichromacy



## Protanomaly

88.0250, 62.5987, -11.4229

## Deuteranomaly

101.9700, 36.0038, 25.4593

## Tritanomaly

99.6130, 7.5858, 87.1624

# Monochromacy



## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.9490, 17.7731, 39.5097

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.0430, 49.2788, 107.8333 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, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 182)  
}
```

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, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 182) }
```

## Border

The CSS property to change the border of an element to YUV 82.0430, 49.2788, 107.8333 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, 0, 182) }
```

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

```
.border{ border-color:rgb(205, 0, 182) }
```

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

Here you see how a box with a 4 pixel rgb(205, 0, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
182) }
```



# Background

The CSS property to change the background color of an element to YUV 82.0430, 49.2788, 107.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 182) }
```

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

```
.background{ background-color: rgb(205, 0,  
182) }
```

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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