

Converting Colors

YUV(89.1880, 35.8963,
106.8291)

Have a look what the booklet for
YUV(89.1880, 35.8963, 106.8291)
contains.

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Color

**YUV(89.1880, 35.8963,
106.8291)**

Conversions

Conversions Part 1

Format	Color
Hex	D30DA2
RGB	211, 13, 162
RGB Percent	83%, 5%, 64%
CMY	0.1725, 0.9490, 0.3647
CMYK	0.00, 0.94, 0.23, 0.17
HSL	315°, 88%, 44%
HSV	315°, 94%, 83%
XYZ	33.5295, 16.7454, 35.6474
YIQ	89.1880, 70.1790, 88.3150

Conversions

Conversions Part 2

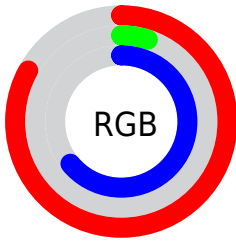
Format	Color
R_{YB}	211, 13, 162
Decimal	13831586
CIE _{Lab}	47.94, 77.70, -27.61
CIE _{LCh}	48, 82.457, 340.440
Yxy	16.7454, 0.3902, 0.1949
Android (android.graphics.Color)	4292021666 (0xFFD30DA2)
YUV	89.1880, 35.8963, 106.8291
Hunter-Lab	40.9211, 74.6454, -23.0042

Details

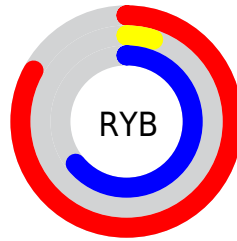
The YUV color **89.1880, 35.8963, 106.8291** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **134.8120, -35.8963, -106.8291**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7480, 29.7042, 86.1670**, and **57.6890, 25.7893, 81.8337** is the 20% darker color. If you saturate the color by 10%, you get **81.2150, 38.3480, 113.8214**, and if you desaturate by 10%, it is **102.0850, 32.0031, 95.5185**.

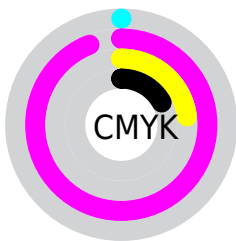
Distribution



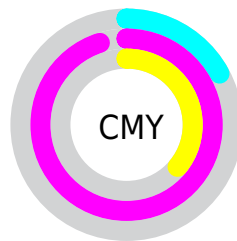
- Red (83%)
- Green (5%)
- Blue (64%)



- Red (83%)
- Yellow (5%)
- Blue (64%)



- Cyan (0%)
- Magenta (94%)
- Yellow (23%)
- Black (17%)





- Cyan (17%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.1880, 35.8963, 106.8291 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 89.1880, 35.8963, 106.8291 by changing the saturation by 10% instead.


 89.1880, 35.8963,
106.8291


 89.1880, 35.8963,
106.8291


255.0000, 0.0000,
0.0000


 69.6230, 32.7239,
97.6776


 156.7480, 29.7042,
86.1670


 57.6890, 25.7893,
81.8337


 177.6640, 33.6896,
67.8237


 46.1680, 19.1442,
66.5047

 196.3000, 28.9391,
51.4799

 34.8750, 13.3726,
50.9756

 213.9100, 20.2574,
36.0359

 24.2940, 7.7431,
36.5762

 231.5200, 11.5756,
20.5920

 12.5880, 1.6821,
20.5323

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 89.1880, 35.8963,
106.8291

■ 89.1880, 35.8963,
106.8291

■ 81.2150, 38.3480,
113.8214

■ 102.0850, 32.0031,
95.5185

■ 114.9820, 28.1099,
84.2078

■ 127.9930, 24.6535,
72.7971

■ 140.8900, 20.7602,
61.4865

■ 154.3740, 16.5776,
49.6610

■ 167.2710, 12.6844,
38.3503

■ 180.2820, 9.2280,
26.9397

■ 193.1790, 5.3348,
15.6290

■ 206.0760, 1.4415,
4.3183

Harmonies

Analogous

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



114.6120, 52.4493, 24.0193



89.1880, 35.8963, 106.8291



79.6710, 6.5712, 132.7155

Triad

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



89.1880, 35.8963, 106.8291



104.8360, -51.6841, 10.6678



106.0230, 48.3027, -92.9822

Complementary

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



89.1880, 35.8963, 106.8291



134.8120, -35.8963, -106.8291

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.



98.9720, 18.7478, -86.7984



89.1880, 35.8963, 106.8291



82.8550, -40.8475, -58.6318

Square

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



89.1880, 35.8963, 106.8291



106.9160, -52.7096, 59.7097



88.7750, -12.7071, -77.8557



106.8160, 69.1107, -93.6776

Rectangle

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



89.1880, 35.8963, 106.8291



86.5360, -18.9982, 120.5559



88.7750, -12.7071, -77.8557



104.2160, 38.8405, -91.3974

Sweetspot

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



89.1880, 35.8963, 106.8291



211.2710, 12.6844, 38.3503



49.3260, 79.7053, 8.4841



100.9180, 7.9284, 23.7509



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.



89.1880, 35.8963, 106.8291



98.1330, 46.2764, 137.5724



78.2440, -6.0363, 116.4270



98.2010, 1.8729, 5.9627



64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Inverse Universe

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



89.1880, 35.8963, 106.8291



98.1330, 46.2764, 137.5724



145.7560, 6.0363, -116.4270



98.2010, 1.8729, 5.9627



64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 89.1880, 35.8963, 106.8291 looks on a white background.

Color Contrast Check

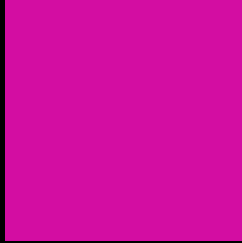
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.1880, 35.8963, 106.8291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

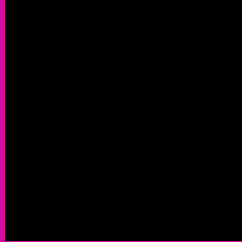
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1880, 35.8963, 106.8291

Background



This preview shows how black text looks on a background with the YUV color 89.1880, 35.8963, 106.8291.



This preview shows how white text looks on a background with the YUV color 89.1880, 35.8963,

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

89.1880, 35.8963, 106.8291

Protanopia

102.6250, 62.3029, -56.6761

Deuteranopia

115.3530, 18.0670, -8.2026



Tritanopia

106.9030, -19.1792, 85.1541

Trichromacy



Original Color

89.1880, 35.8963, 106.8291



Protanomaly

97.5940, 52.9512, 2.9871



Deuteranomaly

106.0390, 24.6308, 33.2918



Tritanomaly

100.5230, 0.7282, 93.3803

Monochromacy



Original Color

89.1880, 35.8963, 106.8291



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.7980, 13.4106, 38.7652

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1880, 35.8963, 106.8291 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(211, 13, 162)` looks like.

```
.text, #text, p{  
    color:rgb(211, 13, 162)  
}
```

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(211, 13, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 13, 162) }
```

Border

The CSS property to change the border of an element to YUV 89.1880, 35.8963, 106.8291 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(211, 13, 162) }
```


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

```
.border{ border-color:rgb(211, 13, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 13, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 13, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 13, 162);  
box-shadow:4px 4px 4px 4px rgb(211, 13,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 89.1880, 35.8963, 106.8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 13, 162) }
```

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

```
.background{ background-color: rgb(211, 13,  
162) }
```

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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