

Converting Colors

YUV(89.3180, 38.7902,
111.9771)

Have a look what the booklet for
YUV(89.3180, 38.7902, 111.9771)
contains.

| | |
|--|----|
| YUV(89.3180, 38.7902, 111.9771) | 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(89.3180, 38.7902,
111.9771)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D909A8 |
| RGB | 217, 9, 168 |
| RGB Percent | 85%, 4%, 66% |
| CMY | 0.1490, 0.9647, 0.3412 |
| CMYK | 0.00, 0.96, 0.23, 0.15 |
| HSL | 314°, 92%, 44% |
| HSV | 314°, 96%, 85% |
| XYZ | 35.7808, 17.7742, 38.5907 |
| YIQ | 89.3180, 72.9290, 93.5450 |

Conversions

Conversions Part 2

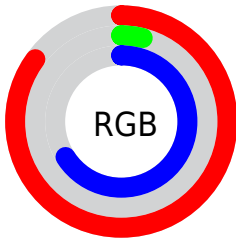
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 217, 9, 168 |
| Decimal | 14223784 |
| CIE _{Lab} | 49.22, 79.90, -29.09 |
| CIE _{LCh} | 49, 85.032, 339.997 |
| Yxy | 17.7742, 0.3883, 0.1929 |
| Android (android.graphics.Color) | 4292413864 (0xFFD909A8) |
| YUV | 89.3180, 38.7902, 111.9771 |
| Hunter-Lab | 42.1595, 77.7141, -24.7594 |

Details

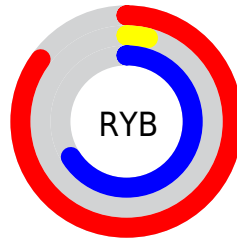
The YUV color **89.3180, 38.7902, 111.9771** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **136.6820, -38.7902, -111.9771**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4320, 32.3250, 85.5671**, and **60.1670, 27.5257, 84.9225** is the 20% darker color. If you saturate the color by 10%, you get **83.8070, 40.5211, 116.8103**, and if you desaturate by 10%, it is **102.8020, 34.6076, 100.1516**.

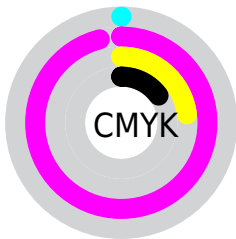
Distribution



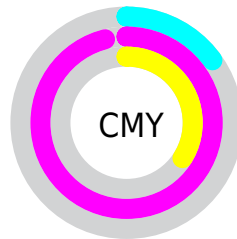
- Red (85%)
- Green (4%)
- Blue (66%)



- Red (85%)
- Yellow (4%)
- Blue (66%)



- Cyan (0%)
- Magenta (96%)
- Yellow (23%)
- Black (15%)





- Cyan (15%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3180, 38.7902, 111.9771 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 89.3180, 38.7902, 111.9771 by changing the saturation by 10% instead.


 89.3180, 38.7902,
111.9771


 89.3180, 38.7902,
111.9771


255.0000, 0.0000,
0.0000

 71.9870, 34.0234,
100.8664


 157.4320, 32.3250,
85.5671


 60.1670, 27.5257,
84.9225

 178.9350, 36.0210,
66.7090


 48.6460, 20.8805,
69.5935


 196.8870, 28.6497,
50.9651

 37.2390, 14.6722,
54.1644

 214.4970, 19.9680,
35.5211

 26.5440, 8.6058,
39.8649

 232.1070, 11.2862,
20.0772

 15.0660, 3.4185,
23.6211

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 89.3180, 38.7902,
111.9771

■ 89.3180, 38.7902,
111.9771

■ 83.8070, 40.5211,
116.8103

■ 102.8020, 34.6076,
100.1516

■ 115.6990, 30.7144,
88.8410

■ 129.1830, 26.5318,
77.0155

■ 142.6670, 22.3492,
65.1900

■ 155.6780, 18.8927,
53.7794

■ 169.1620, 14.7101,
41.9539

■ 182.6460, 10.5275,
30.1285

■ 196.1300, 6.3449,
18.3030

■ 209.0270, 2.4517,
6.9923

Harmonies

Analogous

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



117.8830, 54.7807, 22.9046



89.3180, 38.7902, 111.9771



82.5190, 7.1391, 137.2338

Triad

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



89.3180, 38.7902, 111.9771



107.7930, -53.1419, 11.5825



109.5280, 49.0397, -96.0561

Complementary

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



89.3180, 38.7902, 111.9771



136.6820, -38.7902, -111.9771

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.



101.6620, 18.9006, -89.1576



89.3180, 38.7902, 111.9771



85.5020, -42.1525, -60.0763

Square

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



89.3180, 38.7902, 111.9771



109.8840, -54.1728, 62.3687



91.2370, -13.4278, -80.0148



109.9620, 71.0107, -96.4367

Rectangle

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



89.3180, 38.7902, 111.9771



86.2210, -17.8570, 127.8482



91.2370, -13.4278, -80.0148



107.1340, 39.8669, -93.9565

Sweetspot

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



89.3180, 38.7902, 111.9771



209.6240, 13.9894, 39.7948



47.3630, 83.6310, 9.3286



100.3310, 8.2178, 24.2657



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.



89.3180, 38.7902, 111.9771



98.4750, 47.5868, 137.2724



77.4620, -6.6368, 122.3748



103.2010, 1.8729, 5.9627



66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805

Inverse Universe

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



89.3180, 38.7902, 111.9771



98.4750, 47.5868, 137.2724



148.5380, 6.6368, -122.3748



103.2010, 1.8729, 5.9627



66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 89.3180, 38.7902, 111.9771 looks on a white background.

Color Contrast Check

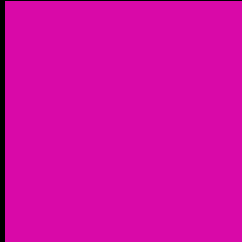
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.3180, 38.7902, 111.9771 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 89.3180, 38.7902, 111.9771

Background



This preview shows how black text looks on a background with the YUV color 89.3180, 38.7902, 111.9771.



This preview shows how white text looks on a background with the YUV color 89.3180, 38.7902,

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

89.3180, 38.7902, 111.9771

Protanopia

103.9170, 66.1029, -62.1942

Deuteranopia

118.8690, 18.7986, -9.5321



Tritanopia

109.8000, -19.6214, 86.9984

Trichromacy



Original Color

89.3180, 38.7902, 111.9771



Protanomaly

98.7940, 56.3036, 1.0577



Deuteranomaly

108.3920, 25.9357, 34.7362



Tritanomaly

102.4740, 1.7383, 96.0543

Monochromacy



Original Color

89.3180, 38.7902, 111.9771



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.3360, 14.1314, 40.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3180, 38.7902, 111.9771 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(217, 9, 168)` looks like.

```
.text, #text, p{  
    color:rgb(217, 9, 168)  
}
```

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(217, 9, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 9, 168) }
```

Border

The CSS property to change the border of an element to YUV 89.3180, 38.7902, 111.9771 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(217, 9, 168) }
```


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

```
.border{ border-color:rgb(217, 9, 168) }
```

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

Here you see how a box with a 4 pixel rgb(217, 9, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 9, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 9, 168);  
box-shadow:4px 4px 4px 4px rgb(217, 9,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 89.3180, 38.7902, 111.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 9, 168) }
```

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

```
.background{ background-color: rgb(217, 9,  
168) }
```

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