

# Converting Colors

YUV(89.2320, 35.8746,  
113.8065)

Have a look what the booklet for  
YUV(89.2320, 35.8746, 113.8065)  
contains.

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# Color

**YUV(89.2320, 35.8746,  
113.8065)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB09A2
RGB	219, 9, 162
RGB Percent	86%, 4%, 64%
CMY	0.1412, 0.9647, 0.3647
CMYK	0.00, 0.96, 0.26, 0.14
HSL	316°, 92%, 45%
HSV	316°, 96%, 86%
XYZ	35.8327, 17.8641, 35.7419
YIQ	89.2320, 76.0470, 92.1030

# Conversions

## Conversions Part 2

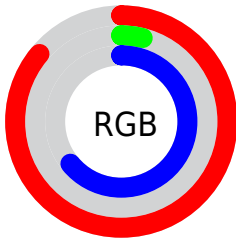
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 9, 162
Decimal	14354850
CIE <sub>Lab</sub>	49.33, 79.60, -25.33
CIE <sub>LCh</sub>	49, 83.535, 342.352
Yxy	17.8641, 0.4006, 0.1997
Android (android.graphics.Color)	4292544930 (0xFFDB09A2)
YUV	89.2320, 35.8746, 113.8065
Hunter-Lab	42.2659, 77.3654, -20.5521

# Details

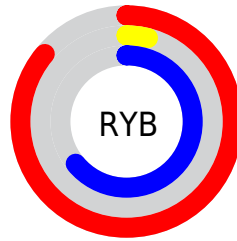
The YUV color **89.2320, 35.8746, 113.8065** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **138.7680, -35.8746, -113.8065**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3350, 29.4148, 85.6522**, and **60.0810, 24.6101, 86.7520** is the 20% darker color. If you saturate the color by 10%, you get **83.7210, 37.6055, 118.6397**, and if you desaturate by 10%, it is **102.8300, 32.1288, 101.8811**.

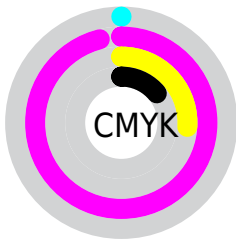
# Distribution



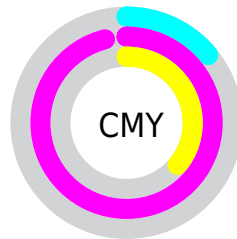
- Red (86%)
- Green (4%)
- Blue (64%)



- Red (86%)
- Yellow (4%)
- Blue (64%)



- Cyan (0%)
- Magenta (96%)
- Yellow (26%)
- Black (14%)




- Cyan (14%)
- Magenta (96%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 89.2320, 35.8746, 113.8065 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 89.2320, 35.8746, 113.8065 by changing the saturation by 10% instead.





 89.2320, 35.8746,  
113.8065


 89.2320, 35.8746,  
113.8065


255.0000, 0.0000,  
0.0000


 72.0150, 31.5446,  
102.5958


 157.3350, 29.4148,  
85.6522


 60.0810, 24.6101,  
86.7520

 178.2510, 33.4003,  
67.3089


 48.2610, 18.1123,  
70.8081

 197.4740, 28.3603,  
50.4503

 36.9680, 12.3408,  
55.2791

 214.4970, 19.9680,  
35.5211

 26.3870, 6.7112,  
40.8796

 232.6940, 10.9969,  
19.5624

 14.7950, 1.0871,  
24.7358

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 89.2320, 35.8746,  
113.8065

■ 89.2320, 35.8746,  
113.8065

■ 83.7210, 37.6055,  
118.6397

■ 102.8300, 32.1288,  
101.8811

■ 116.4280, 28.3830,  
89.9556

■ 130.0260, 24.6372,  
78.0302

■ 143.6240, 20.8914,  
66.1048

■ 156.6350, 17.4349,  
54.6941

■ 170.2330, 13.6891,  
42.7687

■ 183.8310, 9.9433,  
30.8432

■ 197.4290, 6.1975,  
18.9178

■ 210.9130, 2.0149,  
7.0923

# Harmonies

## Analogous

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



117.9440, 52.2856, 29.8671



89.2320, 35.8746, 113.8065



81.3510, 5.2500, 136.5042

# Triad

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



89.2320, 35.8746, 113.8065



107.4720, -52.9837, 7.4791



109.2830, 50.6395, -95.8412

# Complementary

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



89.2320, 35.8746, 113.8065



138.7680, -35.8746, -113.8065

# 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.



102.3460, 21.5214, -89.7574



89.2320, 35.8746, 113.8065



80.4190, -39.6466, -70.5275

# Square

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



89.2320, 35.8746, 113.8065



110.1500, -54.3039, 57.7505



92.6220, -10.6596, -81.2295



109.3750, 71.3001, -95.9219



# Rectangle

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



89.2320, 35.8746, 113.8065



93.0860, -23.2134, 119.1966



92.6220, -10.6596, -81.2295



107.5900, 41.6141, -94.3564

# Sweetspot

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



89.2320, 35.8746, 113.8065



209.2820, 12.6790, 40.0947



49.6840, 83.4728, 13.4321



100.1030, 7.3442, 24.4657



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.



89.2320, 35.8746, 113.8065



97.4490, 43.6556, 138.1722



77.3760, -9.5524, 124.2042



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805



# Inverse Universe

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



89.2320, 35.8746, 113.8065



97.4490, 43.6556, 138.1722



150.6240, 9.5524, -124.2042



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805



# Previews

## White Background



This preview shows how the YUV color 89.2320, 35.8746, 113.8065 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

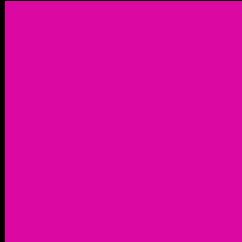
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 89.2320, 35.8746, 113.8065 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

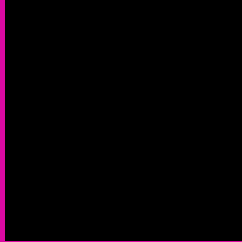
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 89.2320, 35.8746, 113.8065

## Background



This preview shows how black text looks on a background with the YUV color 89.2320, 35.8746, 113.8065.



This preview shows how white text looks on a background with the YUV color 89.2320, 35.8746,



# 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

89.2320, 35.8746, 113.8065

### Protanopia

108.9740, 59.6658, -50.8432

### Deuteranopia

119.2070, 16.1669, -5.4435



## Tritanopia

108.5940, -20.5058, 90.6871

# Trichromacy



## Original Color

89.2320, 35.8746, 113.8065

## Protanomaly

101.4700, 51.0403, 9.2348

## Deuteranomaly

108.4310, 23.4515, 38.2100

## Tritanomaly

101.7410, 0.1277, 99.3281

# Monochromacy



## Original Color

89.2320, 35.8746, 113.8065

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.1080, 13.2578, 41.1243

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.2320, 35.8746, 113.8065 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(219, 9, 162)` looks like.

```
.text, #text, p{  
    color:rgb(219, 9, 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(219, 9, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 9, 162) }
```

## Border

The CSS property to change the border of an element to YUV 89.2320, 35.8746, 113.8065 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(219, 9, 162) }
```



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

```
.border{ border-color:rgb(219, 9, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 9, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 9, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 9, 162);  
box-shadow:4px 4px 4px 4px rgb(219, 9,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 89.2320, 35.8746, 113.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 9, 162) }
```

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

```
.background{ background-color: rgb(219, 9,  
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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