

# Converting Colors

YUV(115.5300, 13.5427,  
89.8662)

Have a look what the booklet for  
YUV(115.5300, 13.5427, 89.8662)  
contains.

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# Color

**YUV(115.5300, 13.5427,  
89.8662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA3A8F
RGB	218, 58, 143
RGB Percent	85%, 23%, 56%
CMY	0.1451, 0.7725, 0.4392
CMYK	0.00, 0.73, 0.34, 0.15
HSL	328°, 68%, 54%
HSV	328°, 73%, 85%
XYZ	35.3844, 19.9147, 27.9656
YIQ	115.5300, 68.0750, 60.3550

# Conversions

## Conversions Part 2

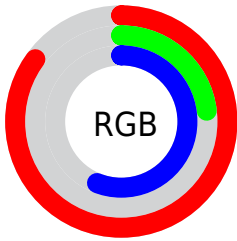
Format	Color
R <sub>Y</sub> B	218, 58, 143
Decimal	14301839
CIE Lab	51.74, 67.70, -10.34
CIE LCh	52, 68.489, 351.319
Yxy	19.9147, 0.4250, 0.2392
Android (android.graphics.Color)	4292491919 (0xFFDA3A8F)
YUV	115.5300, 13.5427, 89.8662
Hunter-Lab	44.6259, 63.4395, -5.9169

# Details

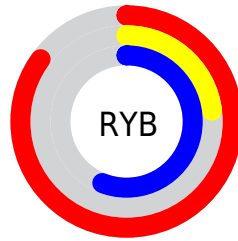
The YUV color **115.5300, 13.5427, 89.8662** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **160.4700, -13.5427, -89.8662**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9690, 14.3123, 76.3262**, and **57.8440, 17.3319, 87.8368** is the 20% darker color. If you saturate the color by 10%, you get **101.4760, 15.5413, 102.1915**, and if you desaturate by 10%, it is **129.5840, 11.5441, 77.5408**.

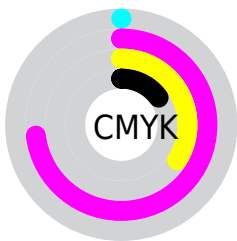
# Distribution



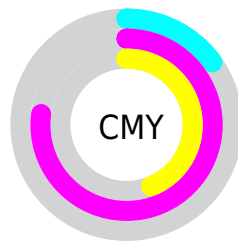
- Red (85%)
- Green (23%)
- Blue (56%)



- Red (85%)
- Yellow (23%)
- Blue (56%)



- Cyan (0%)
- Magenta (73%)
- Yellow (34%)
- Black (15%)




- Cyan (15%)
- Magenta (77%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 115.5300, 13.5427, 89.8662 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 115.5300, 13.5427, 89.8662 by changing the saturation by 10% instead.





 115.5300, 13.5427,  
89.8662


 115.5300, 13.5427,  
89.8662


255.0000, 0.0000,  
0.0000


 78.9420, 18.7626,  
95.6439

 167.9690, 14.3123,  
76.3262


 57.8440, 17.3319,  
87.8368

 188.1840, 18.1503,  
58.5976


 46.4370, 11.1236,  
72.4078


 208.3990, 21.9883,  
40.8691

 35.2580, 5.7888,  
56.7787

 226.2370, 14.1802,  
25.2252

 24.9050, 1.0328,  
42.1793

 243.2600, 5.7878,  
10.2960

 13.2700, -6.0491,  
26.9502

 0.0000, 0.0000,

0.0000

■ 115.5300, 13.5427,  
89.8662

■ 115.5300, 13.5427,  
89.8662

■ 101.4760, 15.5413,  
102.1915

■ 129.5840, 11.5441,  
77.5408

■ 87.4220, 17.5400,  
114.5169

■ 143.6380, 9.5455,  
65.2155

■ 78.4060, 18.5338,  
122.4239

■ 157.2190, 8.2730,  
53.3049

■ 171.2730, 6.2744,  
40.9796

■ 185.3270, 4.2758,  
28.6542

■ 199.3810, 2.2772,  
16.3289

■ 213.5490, 0.7153,  
3.9035

■ 227.0160, -0.9939,  
-7.9070

■ 241.0700, -2.9925,  
-20.2324

# Harmonies

## Analogous

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



125.6780, 35.6547, 44.1324



115.5300, 13.5427, 89.8662



112.7720, -13.6916, 98.4240

# Triad

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



115.5300, 13.5427, 89.8662



110.6620, -54.5564, -1.4576



110.0980, 51.2237, -96.5559

# Complementary

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



115.5300, 13.5427, 89.8662



160.4700, -13.5427, -89.8662

# 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.



106.1590, 28.5156, -93.1014



115.5300, 13.5427, 89.8662



89.3270, -23.3322, -76.5858

# Square

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



115.5300, 13.5427, 89.8662



116.2420, -57.3073, 41.0068



98.7320, 2.5971, -86.5880



107.1920, 65.4743, -94.0074



# Rectangle

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



115.5300, 13.5427, 89.8662



115.5320, -33.2933, 85.4794



98.7320, 2.5971, -86.5880



109.6760, 44.5297, -96.1859

# Sweetspot

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



115.5300, 13.5427, 89.8662



219.1640, 4.8491, 31.4282



98.6650, 58.8322, 30.1118



106.2180, 2.8505, 19.1028



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.



115.5300, 13.5427, 89.8662



111.5420, 18.9598, 125.8127



106.4100, -21.4011, 97.8644



102.9730, 0.9993, 6.1627



62.2150, 14.6840, 97.1584



16.4900, 3.7024, 25.8803



# Inverse Universe

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



115.5300, 13.5427, 89.8662



111.5420, 18.9598, 125.8127



169.5900, 21.4011, -97.8644



102.9730, 0.9993, 6.1627



62.2150, 14.6840, 97.1584

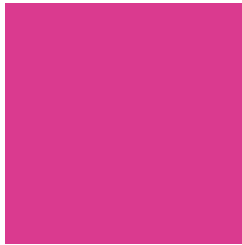


16.4900, 3.7024, 25.8803



# Previews

## White Background



This preview shows how the YUV color 115.5300, 13.5427, 89.8662 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 115.5300, 13.5427, 89.8662 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

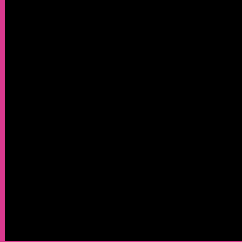
Any Text WCAG AA ✓ Pass

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 115.5300, 13.5427, 89.8662 Background



This preview shows how black text looks on a background with the YUV color 115.5300, 13.5427, 89.8662.



This preview shows how white text looks on a background with the YUV color 115.5300, 13.5427, 89.8662.



# 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

115.5300, 13.5427, 89.8662

### Protanopia

123.4300, 31.3400, -18.7941

### Deuteranopia

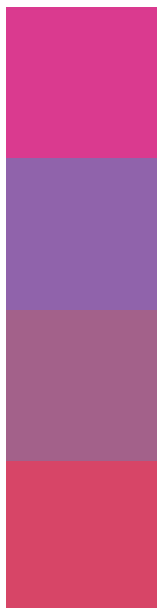
124.9990, 4.9305, 5.2629



## Tritanopia

117.4190, -18.4476, 83.8245

# Trichromacy



## Original Color

115.5300, 13.5427, 89.8662

## Protanomaly

120.6630, 24.8161, 20.4665

## Deuteranomaly

121.4080, 8.1799, 36.4762

## Tritanomaly

116.5300, -6.6703, 86.3582

# Monochromacy



## Original Color

115.5300, 13.5427, 89.8662

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

115.8760, 4.9911, 32.5577

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.5300, 13.5427, 89.8662 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(218, 58, 143)` looks like.

```
.text, #text, p{  
    color:rgb(218, 58, 143)  
}
```

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(218, 58, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 58, 143) }
```

## Border

The CSS property to change the border of an element to YUV 115.5300, 13.5427, 89.8662 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(218, 58, 143) }
```



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

```
.border{ border-color:rgb(218, 58, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 58, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 58, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 58, 143);  
box-shadow:4px 4px 4px 4px rgb(218, 58,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 115.5300, 13.5427, 89.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 58, 143) }
```

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

```
.background{ background-color: rgb(218, 58,  
143) }
```

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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