

Converting Colors

YUV(84.5900, 39.6421,
118.7546)

Have a look what the booklet for
YUV(84.5900, 39.6421, 118.7546)
contains.

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Color

**YUV(84.5900, 39.6421,
118.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	DC00A5
RGB	220, 0, 165
RGB Percent	86%, 0%, 65%
CMY	0.1373, 1.0000, 0.3529
CMYK	0.00, 1.00, 0.25, 0.14
HSL	315°, 100%, 43%
HSV	315°, 100%, 86%
XYZ	36.3067, 17.9323, 37.1450
YIQ	84.5900, 78.1550, 97.9550

Conversions

Conversions Part 2

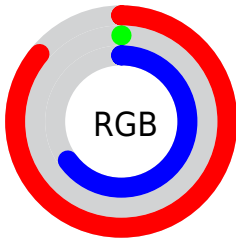
Format	Color
R_{YB}	220, 0, 165
Decimal	14418085
CIE _{Lab}	49.41, 80.83, -26.96
CIE _{LCh}	49, 85.211, 341.552
Yxy	17.9323, 0.3973, 0.1962
Android (android.graphics.Color)	4292608165 (0xFFDC00A5)
YUV	84.5900, 39.6421, 118.7546
Hunter-Lab	42.3465, 78.9347, -22.3648

Details

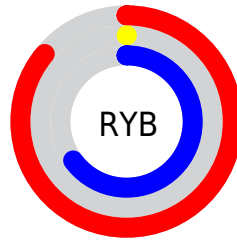
The YUV color **84.5900, 39.6421, 118.7546** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **135.4100, -39.6421, -118.7546**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5030, 31.3040, 86.3819**, and **60.7220, 25.7731, 87.0668** is the 20% darker color. If you saturate the color by 10%, you get **84.5900, 39.6421, 118.7546**, and if you desaturate by 10%, it is **98.1880, 35.8963, 106.8291**.

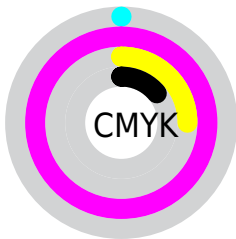
Distribution



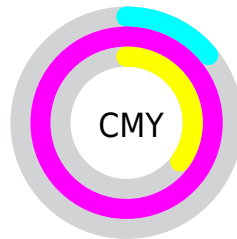
- Red (86%)
- Green (0%)
- Blue (65%)



- Red (86%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (14%)




- Cyan (14%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.5900, 39.6421, 118.7546 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 84.5900, 39.6421, 118.7546 by changing the saturation by 10% instead.


 84.5900, 39.6421,
118.7546


 84.5900, 39.6421,
118.7546


255.0000, 0.0000,
0.0000


 72.5420, 32.2708,
103.0107

 156.5030, 31.3040,
86.3819


 60.7220, 25.7731,
87.0668

 178.0060, 35.0000,
67.5237


 48.9020, 19.2753,
71.1229

 196.3000, 28.9391,
51.4799

 37.4950, 13.0670,
55.6939

 213.9100, 20.2574,
36.0359

 26.9140, 7.4374,
41.2944

 232.1070, 11.2862,
20.0772

 15.4360, 2.2501,
25.0506

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 84.5900, 39.6421,
118.7546

■ 98.1880, 35.8963,
106.8291

■ 111.6720, 31.7137,
95.0037

■ 125.2700, 27.9679,
83.0782

■ 138.7540, 23.7853,
71.2527

■ 152.3520, 20.0395,
59.3273

■ 165.8360, 15.8569,
47.5018

■ 179.4340, 12.1110,
35.5764

■ 192.9180, 7.9284,
23.7509

■ 206.5160, 4.1826,
11.8255

Harmonies

Analogous

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



118.2750, 53.6014, 27.8228



84.5900, 39.6421, 118.7546



82.3620, 5.2445, 138.2485

Triad

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



84.5900, 39.6421, 118.7546



107.4830, -52.9891, 9.2234



109.9840, 50.7869, -96.4560

Complementary

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



84.5900, 39.6421, 118.7546



135.4100, -39.6421, -118.7546

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.



102.8190, 20.7952, -90.1723



84.5900, 39.6421, 118.7546



81.0060, -39.9360, -71.0423

Square

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



84.5900, 39.6421, 118.7546



110.4600, -54.4568, 60.1096



92.2800, -11.9700, -80.9296



110.0760, 71.4475, -96.5367

Rectangle

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



84.5900, 39.6421, 118.7546



89.1020, -20.7563, 124.4445



92.2800, -11.9700, -80.9296



108.1770, 41.3247, -94.8712

Sweetspot

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



84.5900, 39.6421, 118.7546



208.2220, 13.6946, 41.0243



41.5250, 87.9882, 11.8176



99.6300, 8.0704, 24.8805



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.



84.5900, 39.6421, 118.7546



98.0190, 45.8396, 137.6723



72.0500, -8.4056, 129.7522



103.2010, 1.8729, 5.9627



66.5470, 31.2823, 93.3593



17.6300, 8.0704, 24.8805

Inverse Universe

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



84.5900, 39.6421, 118.7546



98.0190, 45.8396, 137.6723



147.9500, 8.4057, -129.7522



103.2010, 1.8729, 5.9627



66.5470, 31.2823, 93.3593



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 84.5900, 39.6421, 118.7546 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 84.5900, 39.6421, 118.7546 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 84.5900, 39.6421, 118.7546

Background



This preview shows how black text looks on a background with the YUV color 84.5900, 39.6421, 118.7546.



This preview shows how white text looks on a background with the YUV color 84.5900, 39.6421,

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

107.7500, 62.7342, -55.0318

Deuteranopia

119.7230, 16.8986, -6.7731

Tritanopia

109.5940, -20.5058, 90.6871

Trichromacy



Protanomaly

99.3820, 54.5347, 8.4350

Deuteranomaly

106.5990, 25.3407, 38.9397

Tritanomaly

100.3930, 1.2853, 101.3873

Monochromacy



Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7600, 14.4153, 43.1835

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5900, 39.6421, 118.7546 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(220, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(220, 0, 165)  
}
```

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(220, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 165) }
```

Border

The CSS property to change the border of an element to YUV 84.5900, 39.6421, 118.7546 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(220, 0, 165) }
```

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

```
.border{ border-color:rgb(220, 0, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 0, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(220, 0,  
165) }
```


Background

The CSS property to change the background color of an element to YUV 84.5900, 39.6421, 118.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 165) }
```

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

```
.background{ background-color: rgb(220, 0,  
165) }
```

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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