

# Converting Colors

YUV(83.5510, 42.1264,  
115.2808)

Have a look what the booklet for  
YUV(83.5510, 42.1264, 115.2808)  
contains.

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# Color

**YUV(83.5510, 42.1264,  
115.2808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D700A9
RGB	215, 0, 169
RGB Percent	84%, 0%, 66%
CMY	0.1569, 1.0000, 0.3373
CMYK	0.00, 1.00, 0.21, 0.16
HSL	313°, 100%, 42%
HSV	313°, 100%, 84%
XYZ	35.1858, 17.3116, 39.0231
YIQ	83.5510, 73.8910, 98.1390

# Conversions

## Conversions Part 2

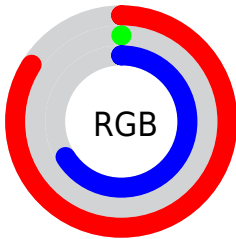
Format	Color
<b>RYB</b>	215, 0, 169
Decimal	14090409
CIELab	48.65, 80.35, -30.60
CIELCh	49, 85.979, 339.153
Yxy	17.3116, 0.3845, 0.1892
Android (android.graphics.Color)	4292280489 (0xFFD700A9)
YUV	83.5510, 42.1264, 115.2808
Hunter-Lab	41.6073, 78.1383, -26.4825

# Details

The YUV color **83.5510, 42.1264, 115.2808** 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 **131.4490, -42.1264, -115.2808**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4860, 33.7774, 86.3968**, and **59.5690, 27.8205, 83.6930** is the 20% darker color. If you saturate the color by 10%, you get **83.5510, 42.1264, 115.2808**, and if you desaturate by 10%, it is **96.4480, 38.2331, 103.9701**.

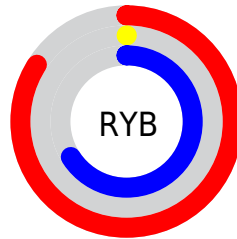
# Distribution



Red (84%)

Green (0%)

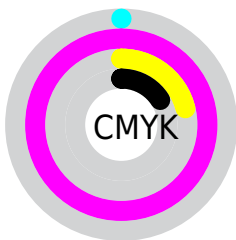
Blue (66%)



Red (84%)

Yellow (0%)

Blue (66%)

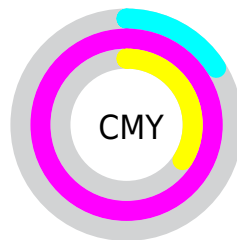


Cyan (0%)

Magenta (100%)

Yellow (21%)

Black (16%)



Cyan (16%)

Magenta (100%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 83.5510, 42.1264, 115.2808 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 83.5510, 42.1264, 115.2808 by changing the saturation by 10% instead.





 83.5510, 42.1264,  
115.2808


 83.5510, 42.1264,  
115.2808


255.0000, 0.0000,  
0.0000


 71.5030, 34.7550,  
99.5369


 156.4860, 33.7774,  
86.3968


 59.5690, 27.8205,  
83.6930

 177.8750, 37.0366,  
67.6386


 48.0480, 21.1753,  
68.3639

 195.7130, 29.2285,  
51.9947

 36.7550, 15.4038,  
52.8349

 213.3230, 20.5468,  
36.5507

 26.0600, 9.3374,  
38.5354

 230.9330, 11.8650,  
21.1068

 14.5820, 4.1501,  
22.2916

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 83.5510, 42.1264,  
115.2808

■ 96.4480, 38.2331,  
103.9701

■ 109.8180, 33.6137,  
92.2446

■ 123.3020, 29.4311,  
80.4191

■ 136.0850, 25.1011,  
69.2085

■ 149.5690, 20.9185,  
57.3830

■ 162.4660, 17.0253,  
46.0723

■ 175.8360, 12.4059,  
34.3468

■ 188.7330, 8.5126,  
23.0362

■ 202.1030, 3.8932,  
11.3107

# Harmonies

## Analogous

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



115.9150, 56.2439, 20.2455



83.5510, 42.1264, 115.2808



82.2200, 7.2865, 136.6191

# Triad

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



83.5510, 42.1264, 115.2808



106.6190, -52.5632, 12.6121



108.1260, 48.7449, -94.8265

# Complementary

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



83.5510, 42.1264, 115.2808



131.4490, -42.1264, -115.2808

# 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.



100.7330, 17.8796, -88.3428



83.5510, 42.1264, 115.2808



84.6270, -41.7211, -58.4319

# Square

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



83.5510, 42.1264, 115.2808



108.1230, -53.3046, 63.9131



90.0800, -15.3224, -79.0002



109.2610, 70.8633, -95.8219



# Rectangle

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



83.5510, 42.1264, 115.2808



75.9430, -12.7899, 135.9850



90.0800, -15.3224, -79.0002



106.2050, 38.8459, -93.1418

# Sweetspot

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



83.5510, 42.1264, 115.2808



208.5640, 15.0049, 40.7244



37.3670, 87.5731, 4.9401



99.8580, 8.9440, 24.6805



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.



83.5510, 42.1264, 115.2808



99.0450, 49.7708, 136.7725



71.6950, -3.3006, 125.6785



100.3150, 2.3097, 5.8627



66.4050, 33.3243, 91.7298



16.7330, 8.5126, 23.0362



# Inverse Universe

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



83.5510, 42.1264, 115.2808



99.0450, 49.7708, 136.7725



143.4190, 3.7374, -125.7785



100.3150, 2.3097, 5.8627



66.4050, 33.3243, 91.7298



16.7330, 8.5126, 23.0362



# Previews

## White Background



This preview shows how the YUV color 83.5510, 42.1264, 115.2808 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

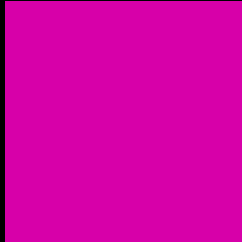
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 83.5510, 42.1264, 115.2808 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 83.5510, 42.1264, 115.2808

## Background



This preview shows how black text looks on a background with the YUV color 83.5510, 42.1264, 115.2808.



This preview shows how white text looks on a background with the YUV color 83.5510, 42.1264,



# 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

99.0730, 69.4770, -71.1010

### Deuteranopia

117.7980, 19.8196, -10.3468

### Tritanopia

109.2020, -19.3266, 85.7688

# Trichromacy



## Protanomaly

93.5700, 59.3720, -3.1309

## Deuteranomaly

105.5600, 27.8249, 35.4659

## Tritanomaly

100.1150, 2.9013, 96.3691

# Monochromacy



## Achromatopsia

84.0000, 0.0000, 0.0000

## Achromatomaly

83.6890, 15.4363, 42.3687

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.5510, 42.1264, 115.2808 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(215, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 169)  
}
```

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(215, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 169) }
```

## Border

The CSS property to change the border of an element to YUV 83.5510, 42.1264, 115.2808 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(215, 0, 169) }
```

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

```
.border{ border-color:rgb(215, 0, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 0, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(215, 0,  
169) }
```



# Background

The CSS property to change the background color of an element to YUV 83.5510, 42.1264, 115.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 169) }
```

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

```
.background{ background-color: rgb(215, 0,  
169) }
```

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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