

# Converting Colors

YUV(86.3550, 42.7160,  
112.8217)

Have a look what the booklet for  
YUV(86.3550, 42.7160, 112.8217)  
contains.

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# Color

**YUV(86.3550, 42.7160,  
112.8217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D704AD
RGB	215, 4, 173
RGB Percent	84%, 2%, 68%
CMY	0.1569, 0.9843, 0.3216
CMYK	0.00, 0.98, 0.20, 0.16
HSL	312°, 96%, 43%
HSV	312°, 98%, 84%
XYZ	35.6106, 17.5510, 41.0460
YIQ	86.3550, 71.5070, 97.2910

# Conversions

## Conversions Part 2

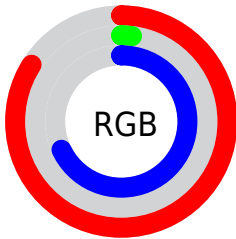
<b>Format</b>	<b>Color</b>
<b>RYB</b>	215, 4, 173
Decimal	14091437
CIELab	48.95, 80.51, -32.50
CIElCh	49, 86.823, 338.017
Yxy	17.5510, 0.3780, 0.1863
Android (android.graphics.Color)	4292281517 (0xFFD704AD)
YUV	86.3550, 42.7160, 112.8217
Hunter-Lab	41.8940, 78.4136, -28.7641

# Details

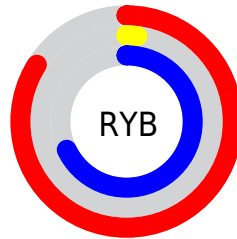
The YUV color **86.3550, 42.7160, 112.8217** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **132.6450, -42.7160, -112.8217**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5290, 35.2352, 85.4821**, and **60.0250, 29.5677, 83.2931** is the 20% darker color. If you saturate the color by 10%, you get **83.8930, 43.4368, 114.9808**, and if you desaturate by 10%, it is **99.7250, 38.0966, 101.0962**.

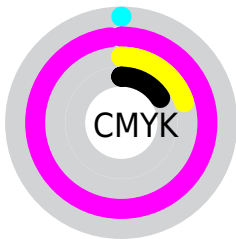
# Distribution



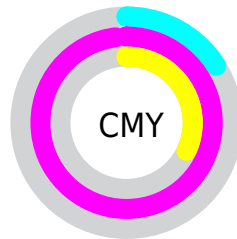
- Red (84%)
- Green (2%)
- Blue (68%)



- Red (84%)
- Yellow (2%)
- Blue (68%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (98%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.3550, 42.7160, 112.8217 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 86.3550, 42.7160, 112.8217 by changing the saturation by 10% instead.



86.3550, 42.7160,  
112.8217

86.3550, 42.7160,  
112.8217

255.0000, 0.0000,  
0.0000

71.9590, 36.5022,  
99.1370

157.5290, 35.2352,  
85.4821

60.0250, 29.5677,  
83.2931

178.6900, 37.6208,  
66.9239

48.5040, 22.9225,  
67.9640

196.3000, 28.9391,  
51.4799

37.0970, 16.7142,  
52.5349

213.9100, 20.2574,  
36.0359

26.4020, 10.6478,  
38.2354

231.5200, 11.5756,  
20.5920

14.9240, 5.4605,  
21.9917

249.7170, 2.6045,

0.0000, 0.0000,

4.6332

0.0000

■ 86.3550, 42.7160,  
112.8217

■ 86.3550, 42.7160,  
112.8217

■ 83.8930, 43.4368,  
114.9808

■ 99.7250, 38.0966,  
101.0962

■ 112.6220, 34.2034,  
89.7855

■ 125.9920, 29.5839,  
78.0600

■ 138.7750, 25.2539,  
66.8493

■ 152.1450, 20.6345,  
55.1238

■ 165.0420, 16.7413,  
43.8132

■ 178.4120, 12.1219,  
32.0877

■ 191.1950, 7.7919,  
20.8770

■ 204.6790, 3.6093,  
9.0515

# Harmonies

## Analogous

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



116.6480, 57.8545, 16.9717



86.3550, 42.7160, 112.8217



83.1600, 8.3021, 137.5487

# Triad

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



86.3550, 42.7160, 112.8217



107.8150, -53.1528, 15.0712



108.5990, 48.0187, -95.2413

# Complementary

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



86.3550, 42.7160, 112.8217



132.6450, -42.7160, -112.8217

# 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.



101.0920, 16.7166, -88.6577



86.3550, 42.7160, 112.8217



87.3180, -43.0478, -52.8989

# Square

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



86.3550, 42.7160, 112.8217



108.4330, -53.4575, 66.2723



90.3250, -16.9222, -79.2150



110.6630, 71.1581, -97.0515



# Rectangle

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



86.3550, 42.7160, 112.8217



76.0080, -11.3429, 138.5590



90.3250, -16.9222, -79.2150



106.6780, 38.1197, -93.5566

# Sweetspot

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



86.3550, 42.7160, 112.8217



209.8520, 14.8630, 39.5948



39.7150, 86.4155, 2.8809



100.5590, 9.0914, 24.0658



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.



86.3550, 42.7160, 112.8217



99.5010, 51.5180, 136.3726



74.7270, -1.8374, 123.0194



100.3150, 2.3097, 5.8627



66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362



# Inverse Universe

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



86.3550, 42.7160, 112.8217



99.5010, 51.5180, 136.3726



144.2730, 1.8374, -123.0194



100.3150, 2.3097, 5.8627



66.7470, 34.6347, 91.4299



16.8470, 8.9494, 22.9362



# Previews

## White Background



This preview shows how the YUV color 86.3550, 42.7160, 112.8217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

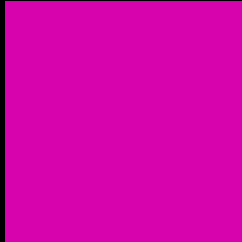
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 86.3550, 42.7160, 112.8217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

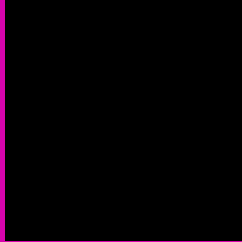
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 86.3550, 42.7160, 112.8217

## Background



This preview shows how black text looks on a background with the YUV color 86.3550, 42.7160, 112.8217.



This preview shows how white text looks on a background with the YUV color 86.3550, 42.7160,



# 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

86.3550, 42.7160, 112.8217

### Protanopia

94.5060, 72.7145, -82.8818

### Deuteranopia

117.6560, 21.8616, -11.9763



## Tritanopia

110.0170, -18.7424, 85.0541

# Trichromacy



## Original Color

86.3550, 42.7160, 112.8217



## Protanomaly

91.4980, 61.8725, -11.8377



## Deuteranomaly

106.0050, 29.5775, 33.3216



## Tritanomaly

101.6310, 3.6329, 95.0396

# Monochromacy



## Original Color

86.3550, 42.7160, 112.8217



## Achromatopsia

86.0000, 0.0000, 0.0000



## Achromatomaly

86.0910, 15.7311, 41.1392

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.3550, 42.7160, 112.8217 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, 4, 173)` looks like.

```
.text, #text, p{  
    color:rgb(215, 4, 173)  
}
```

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, 4, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 4, 173) }
```

## Border

The CSS property to change the border of an element to YUV 86.3550, 42.7160, 112.8217 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, 4, 173) }
```



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

```
.border{ border-color:rgb(215, 4, 173) }
```

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

Here you see how a box with a 4 pixel rgb(215, 4, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 4, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 4, 173);  
box-shadow:4px 4px 4px 4px rgb(215, 4,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 86.3550, 42.7160, 112.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 4, 173) }
```

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

```
.background{ background-color: rgb(215, 4,  
173) }
```

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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