

# Converting Colors

YUV(86.9260, 43.4205,  
120.2139)

Have a look what the booklet for  
YUV(86.9260, 43.4205, 120.2139)  
contains.

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# Color

**YUV(86.9260, 43.4205,  
120.2139)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E000AF
RGB	224, 0, 175
RGB Percent	88%, 0%, 69%
CMY	0.1216, 1.0000, 0.3137
CMYK	0.00, 1.00, 0.22, 0.12
HSL	313°, 100%, 44%
HSV	313°, 100%, 88%
XYZ	38.4783, 18.9424, 42.1857
YIQ	86.9260, 77.3290, 101.9130

# Conversions

## Conversions Part 2

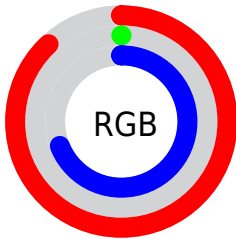
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 0, 175
Decimal	14680239
CIELab	50.62, 82.73, -30.94
CIELCh	51, 88.324, 339.494
Yxy	18.9424, 0.3863, 0.1902
Android (android.graphics.Color)	4292870319 (0xFFE000AF)
YUV	86.9260, 43.4205, 120.2139
Hunter-Lab	43.5229, 81.6456, -27.0023

# Details

The YUV color **86.9260, 43.4205, 120.2139** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **137.0740, -43.4205, -120.2139**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3440, 35.8194, 84.7673**, and **62.9440, 29.1146, 88.6261** is the 20% darker color. If you saturate the color by 10%, you get **86.9260, 43.4205, 120.2139**, and if you desaturate by 10%, it is **100.4100, 39.2379, 108.3884**.

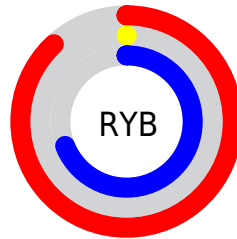
# Distribution



Red (88%)

Green (0%)

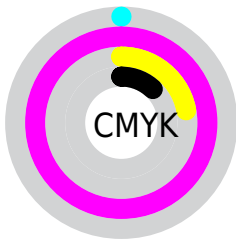
Blue (69%)



Red (88%)

Yellow (0%)

Blue (69%)

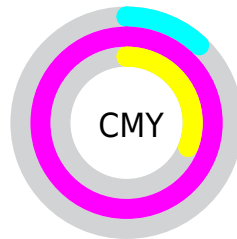


Cyan (0%)

Magenta (100%)

Yellow (22%)

Black (12%)



Cyan (12%)

Magenta (100%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 86.9260, 43.4205, 120.2139 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 86.9260, 43.4205, 120.2139 by changing the saturation by 10% instead.





 86.9260, 43.4205,  
120.2139


 86.9260, 43.4205,  
120.2139


255.0000, 0.0000,  
0.0000


 74.8780, 36.0491,  
104.4700


 158.3440, 35.8194,  
84.7673


 62.9440, 29.1146,  
88.6261


 179.8640, 37.0420,  
65.8943


 51.1240, 22.6169,  
72.6823


 197.4740, 28.3603,  
50.4503

 39.7170, 16.4085,  
57.2532

 215.0840, 19.6786,  
35.0063

 29.0220, 10.3422,  
42.9537

 233.2810, 10.7075,  
19.0476

 17.2450, 5.3022,  
26.0951

 250.8910, 2.0257,

 0.0000, 0.0000,

3.6036

0.0000

■ 86.9260, 43.4205,  
120.2139

■ 100.4100, 39.2379,  
108.3884

■ 114.4810, 34.7659,  
96.0482

■ 127.9650, 30.5833,  
84.2227

■ 142.0360, 26.1113,  
71.8824

■ 155.5200, 21.9286,  
60.0570

■ 168.8900, 17.3092,  
48.3315

■ 182.9610, 12.8372,  
35.9912

■ 196.4450, 8.6546,  
24.1657

■ 210.5160, 4.1826,  
11.8255

# Harmonies

## Analogous

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



121.0940, 58.1277, 22.7196



86.9260, 43.4205, 120.2139



85.2530, 7.2703, 141.8521

# Triad

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



86.9260, 43.4205, 120.2139



111.0490, -54.7472, 13.1120



112.6740, 50.9397, -98.8151

# Complementary

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



86.9260, 43.4205, 120.2139



137.0740, -43.4205, -120.2139

# 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.



104.9390, 18.7641, -92.0315



86.9260, 43.4205, 120.2139



87.8500, -43.3100, -62.1354

# Square

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



86.9260, 43.4205, 120.2139



113.1510, -55.7834, 65.6426



94.0580, -15.3116, -82.4889



113.0110, 70.0006, -99.1106



# Rectangle

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



86.9260, 43.4205, 120.2139



81.2100, -14.4005, 139.2588



94.0580, -15.3116, -82.4889



110.7530, 41.0408, -97.1304

# Sweetspot

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



86.9260, 43.4205, 120.2139



208.4500, 14.5682, 40.8244



40.1870, 90.6198, 7.7290



99.7440, 8.5072, 24.7805



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.



86.9260, 43.4205, 120.2139



98.9310, 49.3340, 136.8725



74.1580, -5.5009, 131.4114



105.3150, 2.3097, 5.8627



68.2420, 33.8977, 94.5038



18.6840, 9.5228, 25.7101



# Inverse Universe

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



86.9260, 43.4205, 120.2139



98.9310, 49.3340, 136.8725



149.8420, 5.5009, -131.4114



105.3150, 2.3097, 5.8627



68.2420, 33.8977, 94.5038



18.6840, 9.5228, 25.7101



# Previews

## White Background



This preview shows how the YUV color 86.9260, 43.4205, 120.2139 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

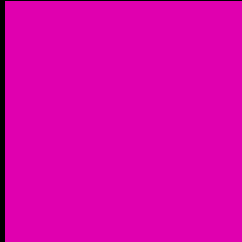
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 86.9260, 43.4205, 120.2139 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 86.9260, 43.4205, 120.2139

## Background



This preview shows how black text looks on a background with the YUV color 86.9260, 43.4205, 120.2139.



This preview shows how white text looks on a background with the YUV color 86.9260, 43.4205,



# 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

105.0130, 70.4926, -70.1714

### Deuteranopia

122.3250, 20.5458, -9.9320

### Tritanopia

113.4090, -19.9216, 89.9723

# Trichromacy



## Protanomaly

98.2220, 60.5296, -1.0717

## Deuteranomaly

109.2120, 28.9825, 37.5251

## Tritanomaly

103.8490, 3.0324, 100.9874

# Monochromacy



## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.8140, 15.8677, 44.0131

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.9260, 43.4205, 120.2139 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(224, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 175)  
}
```

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(224, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 175) }
```

## Border

The CSS property to change the border of an element to YUV 86.9260, 43.4205, 120.2139 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(224, 0, 175) }
```

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

```
.border{ border-color:rgb(224, 0, 175) }
```

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

Here you see how a box with a 4 pixel rgb(224, 0, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
175) }
```



# Background

The CSS property to change the background color of an element to YUV 86.9260, 43.4205, 120.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 175) }
```

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

```
.background{ background-color: rgb(224, 0,  
175) }
```

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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