

# Converting Colors

YUV(176.4860, 3.2114, 43.4238)

Have a look what the booklet for  
YUV(176.4860, 3.2114, 43.4238)  
contains.

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# Color

**YUV(176.4860, 3.2114,  
43.4238)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E296B7
RGB	226, 150, 183
RGB Percent	89%, 59%, 72%
CMY	0.1137, 0.4118, 0.2824
CMYK	0.00, 0.34, 0.19, 0.11
HSL	334°, 57%, 74%
HSV	334°, 34%, 89%
XYZ	50.8176, 41.4003, 50.1124
YIQ	176.4860, 34.7030, 26.3750

# Conversions

## Conversions Part 2

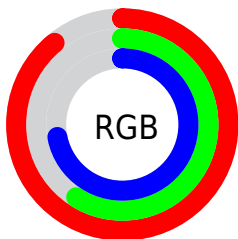
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 150, 183
Decimal	14849719
CIE Lab	70.46, 33.16, -5.35
CIE LCh	70, 33.592, 350.828
Yxy	41.4003, 0.3570, 0.2909
Android (android.graphics.Color)	4293039799 (0xFFE296B7)
YUV	176.4860, 3.2114, 43.4238
Hunter-Lab	64.3431, 28.3773, -1.1368

# Details

The YUV color **176.4860, 3.2114, 43.4238** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.5140, -3.2114, -43.4238**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8260, 7.4808, 27.3396**, and **122.8770, 3.5116, 40.4499** is the 20% darker color. If you saturate the color by 10%, you get **161.5030, 4.1890, 56.5639**, and if you desaturate by 10%, it is **191.4690, 2.2338, 30.2837**.

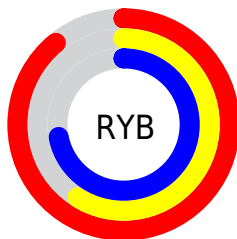
# Distribution



Red (89%)

Green (59%)

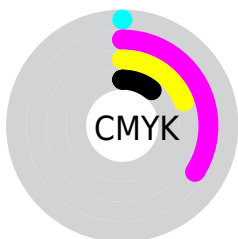
Blue (72%)



Red (89%)

Yellow (59%)

Blue (72%)

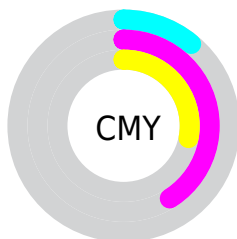


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (41%)

Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 176.4860, 3.2114, 43.4238 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 176.4860, 3.2114, 43.4238 by changing the saturation by 10% instead.




 176.4860, 3.2114,  
43.4238

 176.4860, 3.2114,  
43.4238

255.0000, 0.0000,  
0.0000

 149.4750, 3.2168,  
41.6794


 223.8260, 7.4808,  
27.3396

 122.8770, 3.5116,  
40.4499

 242.0860, 6.3666,  
11.3256

 97.2790, 3.8065,  
39.2203

 72.3820, 4.2487,  
37.3760

 47.3110, 5.2697,  
36.5613

 23.2400, 6.2907,  
35.7465

 14.8660, 0.0661,

25.5505

■ 0.0000, 0.0000,  
0.0000

■ 176.4860, 3.2114,  
43.4238

■ 176.4860, 3.2114,  
43.4238

■ 161.5030, 4.1890,  
56.5639

■ 191.4690, 2.2338,  
30.2837

■ 147.1070, 4.8772,  
69.1892

■ 205.8650, 1.5456,  
17.6584

■ 132.2380, 6.2917,  
82.2293

■ 220.7340, 0.1311,  
4.6183

■ 117.8420, 6.9799,  
94.8546

■ 235.1300, -0.5571,  
-8.0070

■ 102.8590, 7.9575,  
107.9947

■ 245.4170, 0.7804,  
-17.0287

■ 87.8760, 8.9351,  
121.1347

■ 246.3290, 4.2748,  
-17.8285

■ 78.7460, 9.4922,  
129.1418

# Harmonies

## Analogous

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



176.6110, 16.9538, 22.2662



176.4860, 3.2114, 43.4238



175.0450, -11.3612, 50.8265

# Triad

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



176.4860, 3.2114, 43.4238



168.0240, -26.6338, 2.6100



155.6870, 31.2133, -71.6395

# Complementary

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



176.4860, 3.2114, 43.4238



199.5140, -3.2114, -43.4238

# 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.



153.5760, 19.4360, -74.1732



176.4860, 3.2114, 43.4238



163.8340, -15.2012, -24.4104

# Square

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



176.4860, 3.2114, 43.4238



171.1950, -29.1831, 27.0160



158.7240, 1.6151, -51.5009



165.6180, 32.7263, -43.5150



# Rectangle

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



176.4860, 3.2114, 43.4238



173.8460, -19.6441, 47.4931



158.7240, 1.6151, -51.5009



153.8560, 28.1720, -76.1727

# Sweetspot

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



176.4860, 3.2114, 43.4238



238.7290, 1.1196, 14.2697



171.2220, 27.0056, 18.2223



117.5820, 0.6991, 9.1366



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.



176.4860, 3.2114, 43.4238



188.5140, 4.1836, 58.3082



175.0720, -12.3605, 44.6639



104.8590, 0.5625, 6.2627



61.2880, 7.2530, 100.6024



16.7460, 2.0972, 27.4098



# Inverse Universe

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



176.4860, 3.2114, 43.4238



188.5140, 4.1836, 58.3082



200.9280, 12.3605, -44.6639



104.8590, 0.5625, 6.2627



61.2880, 7.2530, 100.6024



16.7460, 2.0972, 27.4098



# Previews

## White Background



This preview shows how the YUV color 176.4860, 3.2114, 43.4238 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

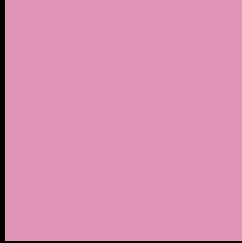
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.4860, 3.2114, 43.4238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

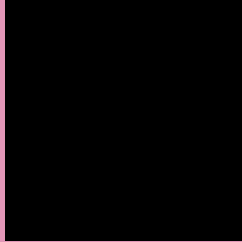
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 176.4860, 3.2114, 43.4238

## Background



This preview shows how black text looks on a background with the YUV color 176.4860, 3.2114, 43.4238.



This preview shows how white text looks on a background with the YUV color 176.4860, 3.2114,

43.4238.

# 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

176.4860, 3.2114, 43.4238

### Protanopia

173.2520, 11.2148, -3.7290

### Deuteranopia

174.1630, 2.8776, 10.3810



## Tritanopia

175.5970, -5.2243, 42.4494

# Trichromacy



## Original Color

176.4860, 3.2114, 43.4238

## Protanomaly

174.2650, 8.2504, 13.7996

## Deuteranomaly

175.2400, 2.8397, 22.5915

## Tritanomaly

176.1070, -2.0248, 42.8792

# Monochromacy



## Original Color

176.4860, 3.2114, 43.4238

## Achromatopsia

176.0000, 0.0000, 0.0000

## Achromatomaly

176.4410, 1.2616, 15.3992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.4860, 3.2114, 43.4238 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(226, 150, 183)` looks like.

```
.text, #text, p{  
    color:rgb(226, 150, 183)  
}
```

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(226, 150, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 150, 183) }
```

## Border

The CSS property to change the border of an element to YUV 176.4860, 3.2114, 43.4238 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(226, 150, 183) }
```



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

```
.border{ border-color:rgb(226, 150, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 150, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 150, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 150, 183);  
box-shadow:4px 4px 4px 4px rgb(226, 150,  
183) }
```

# Background

The CSS property to change the background color of an element to YUV 176.4860, 3.2114, 43.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 150, 183) }
```

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

```
.background{ background-color: rgb(226,  
150, 183) }
```

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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