

# Converting Colors

YUV(175.8820, 5.9742, 43.9535)

Have a look what the booklet for  
YUV(175.8820, 5.9742, 43.9535)  
contains.

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# Color

**YUV(175.8820, 5.9742,  
43.9535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E294BC
RGB	226, 148, 188
RGB Percent	89%, 58%, 74%
CMY	0.1137, 0.4196, 0.2627
CMYK	0.00, 0.35, 0.17, 0.11
HSL	329°, 57%, 73%
HSV	329°, 35%, 89%
XYZ	51.0310, 40.9794, 52.7971
YIQ	175.8820, 33.6480, 28.9760

# Conversions

## Conversions Part 2

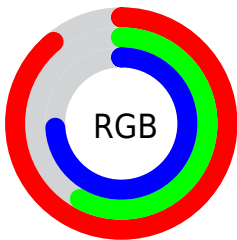
Format	Color
R <sub>Y</sub> B	226, 148, 188
Decimal	14849212
CIE Lab	70.16, 35.00, -8.57
CIE LCh	70, 36.031, 346.238
Yxy	40.9794, 0.3524, 0.2830
Android (android.graphics.Color)	4293039292 (0xFFE294BC)
YUV	175.8820, 5.9742, 43.9535
Hunter-Lab	64.0152, 30.2685, -4.0894

# Details

The YUV color **175.8820, 5.9742, 43.9535** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **198.1180, -5.9742, -43.9535**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2220, 10.2436, 27.8693**, and **122.2730, 6.2744, 40.9796** is the 20% darker color. If you saturate the color by 10%, you get **161.1270, 7.8254, 56.8936**, and if you desaturate by 10%, it is **190.6370, 4.1230, 31.0134**.

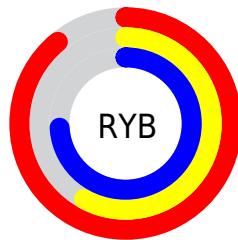
# Distribution



Red (89%)

Green (58%)

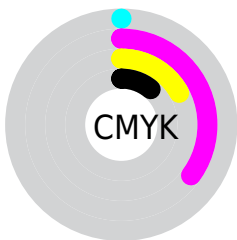
Blue (74%)



Red (89%)

Yellow (58%)

Blue (74%)

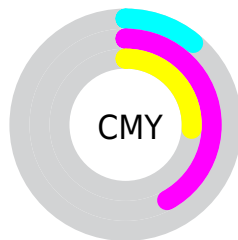


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (11%)



Cyan (11%)

Magenta (42%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 175.8820, 5.9742, 43.9535 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 175.8820, 5.9742, 43.9535 by changing the saturation by 10% instead.




 175.8820, 5.9742,  
43.9535


 175.8820, 5.9742,  
43.9535


255.0000, 0.0000,  
0.0000

 148.8710, 5.9796,  
42.2091

 223.2220, 10.2436,  
27.8693


 122.2730, 6.2744,  
40.9796

 240.9120, 6.9454,  
12.3552

 96.5610, 6.1324,  
39.8500

 71.0770, 6.8640,  
38.5205

 46.0060, 7.8850,  
37.7057

 23.6960, 8.0379,  
35.3466

 15.4360, 2.2501,

25.0506

■ 0.0000, 0.0000,  
0.0000

■ 175.8820, 5.9742,  
43.9535

■ 175.8820, 5.9742,  
43.9535

■ 161.1270, 7.8254,  
56.8936

■ 190.6370, 4.1230,  
31.0134

■ 146.9590, 9.3872,  
69.3190

■ 204.8050, 2.5611,  
18.5880

■ 132.2040, 11.2384,  
82.2591

■ 219.5600, 0.7099,  
5.6479

■ 118.0360, 12.8003,  
94.6844

■ 233.7280, -0.8519,  
-6.7775

■ 103.2810, 14.6515,  
107.6246

■ 244.9610, -0.9668,  
-16.6288

■ 88.5260, 16.5027,  
120.5647

■ 246.2150, 3.8380,  
-17.7286

■ 80.7980, 17.3546,  
127.3422

■ 246.3290, 4.2748,  
-17.8285

# Harmonies

## Analogous

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



176.0990, 20.1642, 19.2072



175.8820, 5.9742, 43.9535



174.5230, -9.6248, 53.9153

# Triad

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



175.8820, 5.9742, 43.9535



167.6610, -29.4129, 7.3133



149.5820, 33.7301, -85.5794

# Complementary

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



175.8820, 5.9742, 43.9535



198.1180, -5.9742, -43.9535

# 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.



149.5320, 19.4577, -81.1506



175.8820, 5.9742, 43.9535



163.2320, -18.8484, -21.2515

# Square

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



175.8820, 5.9742, 43.9535



170.4730, -30.7992, 32.0342



157.3280, -1.1477, -52.0307



161.6490, 35.6690, -54.0662



# Rectangle

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



175.8820, 5.9742, 43.9535



173.5800, -19.5129, 52.1113



157.3280, -1.1477, -52.0307



147.6370, 30.2520, -90.0126

# Sweetspot

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



175.8820, 5.9742, 43.9535



238.9570, 1.9932, 14.0697



168.2540, 28.4688, 15.5632



117.6960, 1.1359, 9.0366



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.



175.8820, 5.9742, 43.9535



187.5510, 8.1094, 59.1528



171.4360, -11.0609, 47.8526



104.9730, 0.9993, 6.1627



62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098



# Inverse Universe

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



175.8820, 5.9742, 43.9535



187.5510, 8.1094, 59.1528



202.5640, 11.0609, -47.8526



104.9730, 0.9993, 6.1627



62.8840, 13.3682, 99.2027



17.2020, 3.8444, 27.0098



# Previews

## White Background



This preview shows how the YUV color 175.8820, 5.9742, 43.9535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

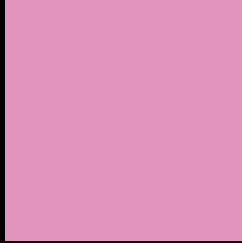
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.8820, 5.9742, 43.9535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

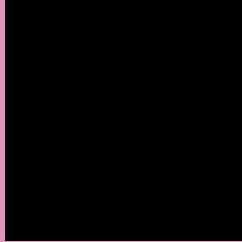
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 175.8820, 5.9742, 43.9535

## Background



This preview shows how black text looks on a background with the YUV color 175.8820, 5.9742, 43.9535.



This preview shows how white text looks on a background with the YUV color 175.8820, 5.9742,



# 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

175.8820, 5.9742, 43.9535

### Protanopia

172.4520, 14.5672, -5.6584

### Deuteranopia

173.8360, 5.5039, 8.0368



## Tritanopia

174.5970, -5.2243, 42.4494

# Trichromacy



## Original Color

175.8820, 5.9742, 43.9535

## Protanomaly

173.7640, 11.4553, 12.4850

## Deuteranomaly

174.6250, 5.6079, 21.3769

## Tritanomaly

175.3350, -1.1512, 42.6792

# Monochromacy



## Original Color

175.8820, 5.9742, 43.9535

## Achromatopsia

176.0000, 0.0000, 0.0000

## Achromatomaly

175.9680, 1.9878, 15.8141

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.8820, 5.9742, 43.9535 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, 148, 188)` looks like.

```
.text, #text, p{  
    color:rgb(226, 148, 188)  
}
```

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, 148, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 148, 188) }
```

## Border

The CSS property to change the border of an element to YUV 175.8820, 5.9742, 43.9535 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, 148, 188) }
```



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

```
.border{ border-color:rgb(226, 148, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 148, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 148, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 148, 188); box-shadow:4px 4px 4px 4px rgb(226, 148, 188) }
```

# Background

The CSS property to change the background color of an element to YUV 175.8820, 5.9742, 43.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 148, 188) }
```

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

```
.background{ background-color: rgb(226,  
148, 188) }
```

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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