

# Converting Colors

YUV(177.2050, -0.5941,  
50.6862)

Have a look what the booklet for  
YUV(177.2050, -0.5941, 50.6862)  
contains.

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# Color

**YUV(177.2050, -0.5941,  
50.6862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB94B0
RGB	235, 148, 176
RGB Percent	92%, 58%, 69%
CMY	0.0784, 0.4196, 0.3098
CMYK	0.00, 0.37, 0.25, 0.08
HSL	341°, 69%, 75%
HSV	341°, 37%, 92%
XYZ	52.6873, 41.9766, 46.3997
YIQ	177.2050, 42.8640, 27.1520

# Conversions

## Conversions Part 2

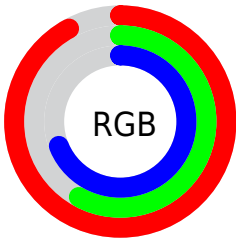
Format	Color
R <sub>Y</sub> B	235, 148, 176
Decimal	15439024
CIE Lab	70.85, 36.36, -0.75
CIE LCh	71, 36.367, 358.811
Yxy	41.9766, 0.3735, 0.2976
Android (android.graphics.Color)	4293629104 (0xFFEB94B0)
YUV	177.2050, -0.5941, 50.6862
Hunter-Lab	64.7893, 31.7767, 2.8913

# Details

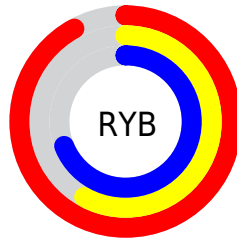
The YUV color  $177.2050, -0.5941, 50.6862$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $205.7950, 0.5941, -50.6862$ , and the grayscale version is  $177.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $221.8540, 5.0020, 29.0690$ , and  $123.4110, 0.2904, 46.9976$  is the 20% darker color. If you saturate the color by 10%, you get  $161.8800, -0.9268, 64.1262$ , and if you desaturate by 10%, it is  $193.1170, -0.5507, 36.7314$ .

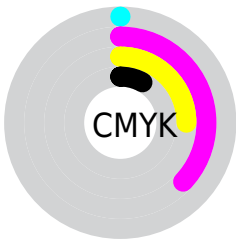
# Distribution



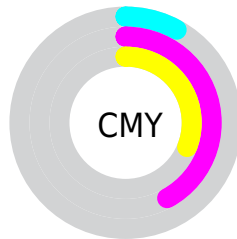
- Red (92%)
- Green (58%)
- Blue (69%)



- Red (92%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (8%)




- Cyan (8%)
- Magenta (42%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 177.2050, -0.5941, 50.6862 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 177.2050, -0.5941, 50.6862 by changing the saturation by 10% instead.




 177.2050, -0.5941,  
50.6862

 177.2050, -0.5941,  
50.6862

255.0000, 0.0000,  
0.0000

 149.6070, -0.2993,  
49.4567

 221.8540, 5.0020,  
29.0690


 123.4110, 0.2904,  
46.9976

 241.4990, 6.6560,  
11.8404

 97.2260, 0.8746,  
46.2828

 72.0300, 1.4642,  
43.8237

 46.3720, 2.7746,  
43.5238

 24.4640, 3.2222,  
39.9351

 15.1500, -4.0179,

28.8095

■ 0.0000, 0.0000,  
0.0000

■ 177.2050, -0.5941,  
50.6862

■ 177.2050, -0.5941,  
50.6862

■ 161.8800, -0.9268,  
64.1262

■ 193.1170, -0.5507,  
36.7314

■ 145.9680, -0.9702,  
78.0811

■ 208.4420, -0.2179,  
23.2914

■ 130.6430, -1.3030,  
91.5211

■ 224.3540, -0.1745,  
9.3365

■ 114.7310, -1.3464,  
105.4759

■ 239.6790, 0.1583,  
-4.1035

■ 99.4060, -1.6792,  
118.9159

■ 249.0200, 2.9481,  
-12.2955

■ 83.4940, -1.7225,  
132.8708

■ 78.9290, -1.4440,  
136.8743

# Harmonies

## Analogous

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



178.0960, 14.7427, 31.4878



177.2050, -0.5941, 50.6862



175.2150, -15.8820, 54.1854

# Triad

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



177.2050, -0.5941, 50.6862



167.6810, -26.4647, -4.9822



156.2180, 35.8815, -75.6132

# Complementary

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



177.2050, -0.5941, 50.6862



205.7950, 0.5941, -50.6862

# 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.



148.5400, 27.3418, -89.9276



177.2050, -0.5941, 50.6862



162.8650, -12.2584, -34.9616

# Square

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



177.2050, -0.5941, 50.6862



171.4780, -31.7877, 22.3828



155.8300, 7.4788, -65.6259



168.2210, 34.8940, -38.7818



# Rectangle

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



177.2050, -0.5941, 50.6862



174.5920, -24.4489, 48.5928



155.8300, 7.4788, -65.6259



152.1090, 34.4563, -85.1646

# Sweetspot

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



177.2050, -0.5941, 50.6862



236.3980, -0.1962, 16.3140



175.2600, 29.4518, 26.9590



116.6530, -0.3219, 9.9513



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.



177.2050, -0.5941, 50.6862



180.5920, -0.7849, 65.2558



182.8180, -17.1653, 45.7636



109.6310, -0.3111, 6.4626



60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983



# Inverse Universe

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



177.2050, -0.5941, 50.6862



180.5920, -0.7849, 65.2558



200.1820, 17.1653, -45.7636



109.6310, -0.3111, 6.4626



60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983



# Previews

## White Background



This preview shows how the YUV color 177.2050, -0.5941, 50.6862 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

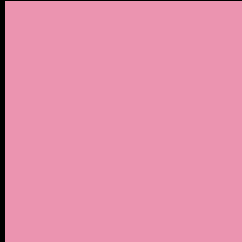
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.2050, -0.5941, 50.6862 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

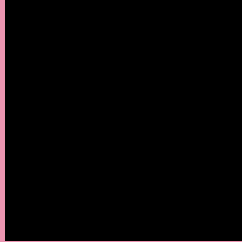
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 177.2050, -0.5941, 50.6862

## Background



This preview shows how black text looks on a background with the YUV color 177.2050, -0.5941, 50.6862.



This preview shows how white text looks on a background with the YUV color 177.2050, -0.5941,



# 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

177.2050, -0.5941, 50.6862

### Protanopia

174.7530, 8.0098, -2.4144

### Deuteranopia

175.3330, -1.6432, 13.7400



## Tritanopia

176.4840, -7.1406, 50.4415

# Trichromacy



## Original Color

177.2050, -0.5941, 50.6862

## Protanomaly

175.7770, 5.0399, 16.8586

## Deuteranomaly

176.1220, -1.5391, 27.0800

## Tritanomaly

176.4670, -4.6672, 50.4564

# Monochromacy



## Original Color

177.2050, -0.5941, 50.6862

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

176.8220, 0.0878, 18.5731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.2050, -0.5941, 50.6862 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(235, 148, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 148, 176)  
}
```

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(235, 148, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 148, 176) }
```

## Border

The CSS property to change the border of an element to YUV 177.2050, -0.5941, 50.6862 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(235, 148, 176) }
```



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

```
.border{ border-color:rgb(235, 148, 176) }
```

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

Here you see how a box with a 4 pixel rgb(235, 148, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 148, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 148, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 148,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 177.2050, -0.5941, 50.6862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 148, 176) }
```

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

```
.background{ background-color: rgb(235,  
148, 176) }
```

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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