

# Converting Colors

YUV(173.5970, -1.7733,  
55.6044)

Have a look what the booklet for  
YUV(173.5970, -1.7733, 55.6044)  
contains.

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# Color

**YUV(173.5970, -1.7733,  
55.6044)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED8EAA
RGB	237, 142, 170
RGB Percent	93%, 56%, 67%
CMY	0.0706, 0.4431, 0.3333
CMYK	0.00, 0.40, 0.28, 0.07
HSL	342°, 73%, 74%
HSV	342°, 40%, 93%
XYZ	51.8538, 40.2528, 43.0668
YIQ	173.5970, 47.6320, 28.8480

# Conversions

## Conversions Part 2

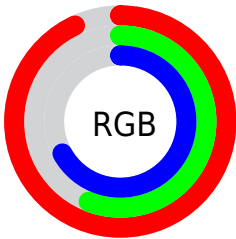
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 142, 170
Decimal	15568554
CIE <sub>Lab</sub>	69.65, 39.38, 0.86
CIE <sub>LCh</sub>	70, 39.387, 1.252
Yxy	40.2528, 0.3836, 0.2978
Android (android.graphics.Color)	4293758634 (0xFFED8EAA)
YUV	173.5970, -1.7733, 55.6044
Hunter-Lab	63.4451, 34.8593, 4.1653

# Details

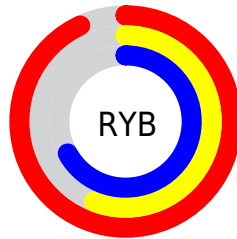
The YUV color  $173.5970, -1.7733, 55.6044$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $205.4030, 1.7733, -55.6044$ , and the grayscale version is  $174.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $217.5340, 3.6807, 32.8577$ , and  $119.8030, -0.8889, 51.9158$  is the 20% darker color. If you saturate the color by 10%, you get  $157.5710, -2.2535, 69.6592$ , and if you desaturate by 10%, it is  $189.6230, -1.2931, 41.5496$ .

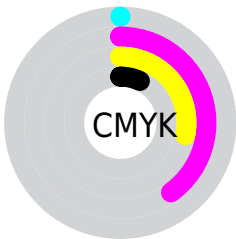
# Distribution



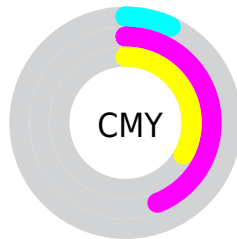
- Red (93%)
- Green (56%)
- Blue (67%)



- Red (93%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.5970, -1.7733, 55.6044 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 173.5970, -1.7733, 55.6044 by changing the saturation by 10% instead.



 173.5970, -1.7733,  
55.6044

 173.5970, -1.7733,  
55.6044


255.0000, 0.0000,  
0.0000

 146.1130, -1.0417,  
54.2749


 217.5340, 3.6807,  
32.8577


 119.8030, -0.8889,  
51.9158

 237.2760, 8.2449,  
15.5439

 93.3190, -0.1573,  
50.5862

 67.6500, 1.1585,  
48.5419

 39.4590, 4.2107,  
49.5865

 24.0080, 1.4751,  
40.3350

 14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,  
0.0000

■ 173.5970, -1.7733,  
55.6044

■ 173.5970, -1.7733,  
55.6044

■ 157.5710, -2.2535,  
69.6592

■ 189.6230, -1.2931,  
41.5496

■ 142.2460, -2.5863,  
83.0993

■ 204.9480, -0.9604,  
28.1096

■ 126.2200, -3.0665,  
97.1541

■ 220.9740, -0.4802,  
14.0548

■ 110.1940, -3.5466,  
111.2089

■ 237.0000, 0.0000,  
0.0000

■ 94.7550, -4.3162,  
124.7489

■ 249.5040, 2.2165,  
-10.9660

■ 78.8430, -4.3596,  
138.7037

■ 249.6180, 2.6533,  
-11.0660

# Harmonies

## Analogous

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



174.8300, 14.8738, 36.1061



173.5970, -1.7733, 55.6044



171.6670, -18.0768, 58.1740

# Triad

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



173.5970, -1.7733, 55.6044



163.7300, -27.4749, -7.6562



148.2210, 41.3030, -87.8938

# Complementary

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



173.5970, -1.7733, 55.6044



205.4030, 1.7733, -55.6044

# 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.



133.8400, 35.5749, -117.3777



173.5970, -1.7733, 55.6044



157.7610, -11.2212, -41.0094

# Square

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



173.5970, -1.7733, 55.6044



167.1960, -34.1136, 21.7531



147.6650, 11.0112, -78.6362



164.6060, 37.6622, -39.9965



# Rectangle

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



173.5970, -1.7733, 55.6044



170.6200, -26.9277, 50.3223



147.6650, 11.0112, -78.6362



137.8330, 42.9733, -110.3555

# Sweetspot

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



173.5970, -1.7733, 55.6044



234.2950, -0.6384, 18.1583



172.8630, 31.6195, 31.6921



115.9520, -0.4693, 10.5661



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.



173.5970, -1.7733, 55.6044



173.5820, -2.2589, 71.4036



181.5580, -19.5021, 48.6226



109.6310, -0.3111, 6.4626



60.1610, -3.5304, 105.9758



17.9700, -0.9712, 31.5983



# Inverse Universe

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



173.5970, -1.7733, 55.6044



173.5820, -2.2589, 71.4036



197.4420, 19.5021, -48.6226



109.6310, -0.3111, 6.4626



60.1610, -3.5304, 105.9758



17.9700, -0.9712, 31.5983



# Previews

## White Background



This preview shows how the YUV color 173.5970, -1.7733, 55.6044 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

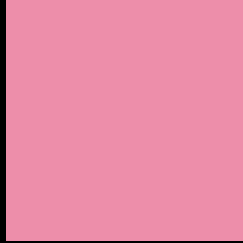
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.5970, -1.7733, 55.6044 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

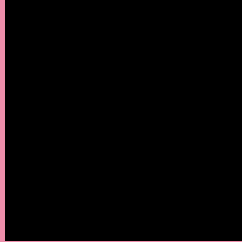
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.5970, -1.7733, 55.6044

## Background



This preview shows how black text looks on a background with the YUV color 173.5970, -1.7733, 55.6044.



This preview shows how white text looks on a background with the YUV color 173.5970, -1.7733,



# 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

173.5970, -1.7733, 55.6044

### Protanopia

170.9380, 7.4256, -1.6996

### Deuteranopia

172.2900, -3.1010, 14.6547



## Tritanopia

173.3490, -9.0461, 54.9449

# Trichromacy



## Original Color

173.5970, -1.7733, 55.6044

## Protanomaly

171.8590, 4.0135, 19.4177

## Deuteranomaly

172.7910, -2.8550, 29.1243

## Tritanomaly

173.3320, -6.5727, 54.9598

# Monochromacy



## Original Color

173.5970, -1.7733, 55.6044

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

173.7190, -0.3545, 20.4174

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.5970, -1.7733, 55.6044 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(237, 142, 170)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 170)  
}
```

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(237, 142, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 170) }
```

## Border

The CSS property to change the border of an element to YUV 173.5970, -1.7733, 55.6044 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(237, 142, 170) }
```



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

```
.border{ border-color:rgb(237, 142, 170) }
```

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

Here you see how a box with a 4 pixel rgb(237, 142, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 170);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 173.5970, -1.7733, 55.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 170) }
```

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

```
.background{ background-color: rgb(237,  
142, 170) }
```

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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