

# Converting Colors

YUV(171.3670, 3.7631, 53.1751)

Have a look what the booklet for  
YUV(171.3670, 3.7631, 53.1751)  
contains.

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# Color

**YUV(171.3670, 3.7631,  
53.1751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E88BB3
RGB	232, 139, 179
RGB Percent	91%, 55%, 70%
CMY	0.0902, 0.4549, 0.2980
CMYK	0.00, 0.40, 0.23, 0.09
HSL	334°, 67%, 73%
HSV	334°, 40%, 91%
XYZ	50.6480, 38.8757, 47.4821
YIQ	171.3670, 42.5880, 32.1560

# Conversions

## Conversions Part 2

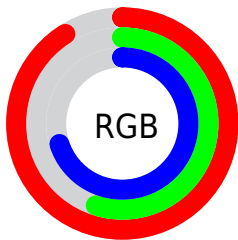
Format	Color
R <sub>Y</sub> B	232, 139, 179
Decimal	15240115
CIE Lab	68.66, 40.44, -5.70
CIE LCh	69, 40.844, 351.981
Yxy	38.8757, 0.3697, 0.2838
Android (android.graphics.Color)	4293430195 (0xFFE88BB3)
YUV	171.3670, 3.7631, 53.1751
Hunter-Lab	62.3504, 35.8846, -1.5063

# Details

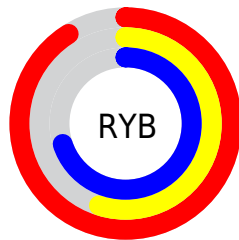
The YUV color **171.3670, 3.7631, 53.1751** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.6330, -3.7631, -53.1751**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9130, 8.9169, 33.4023**, and **117.4590, 4.2107, 49.5865** is the 20% darker color. If you saturate the color by 10%, you get **156.3840, 4.7407, 66.3152**, and if you desaturate by 10%, it is **186.3500, 2.7855, 40.0351**.

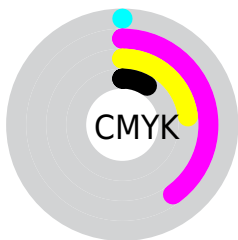
# Distribution



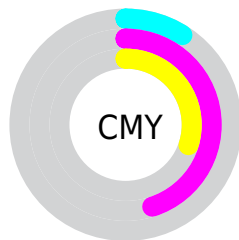
- Red (91%)
- Green (55%)
- Blue (70%)



- Red (91%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (9%)




- Cyan (9%)
- Magenta (45%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 171.3670, 3.7631, 53.1751 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 171.3670, 3.7631, 53.1751 by changing the saturation by 10% instead.



 171.3670, 3.7631,  
53.1751


 171.3670, 3.7631,  
53.1751

255.0000, 0.0000,  
0.0000


 144.3560, 3.7685,  
51.4308

 216.9130, 8.9169,  
33.4023

 117.4590, 4.2107,  
49.5865

 235.6290, 9.5499,  
16.9884

 91.2740, 4.7949,  
48.8717

 252.6520, 1.1576,  
2.0592

 64.9040, 5.9633,  
47.4422

 36.4250, 9.1575,  
49.6163

 23.7950, 4.5381,  
37.8908

 14.5950, -2.2653,

26.6652

■ 0.0000, 0.0000,  
0.0000

■ 171.3670, 3.7631,  
53.1751

■ 171.3670, 3.7631,  
53.1751

■ 156.3840, 4.7407,  
66.3152

■ 186.3500, 2.7855,  
40.0351

■ 141.4010, 5.7183,  
79.4553

■ 201.3330, 1.8078,  
26.8950

■ 125.7170, 6.5485,  
93.2102

■ 217.0170, 0.9776,  
13.1401

■ 110.7340, 7.5261,  
106.3503

■ 232.0000, 0.0000,  
0.0000

■ 95.7510, 8.5038,  
119.4904

■ 246.9830, -0.9776,  
-13.1401

■ 80.7680, 9.4814,  
132.6305

■ 248.1230, 3.3904,  
-14.1399

# Harmonies

## Analogous

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



172.1540, 20.1371, 27.9289



171.3670, 3.7631, 53.1751



169.8290, -13.7197, 60.6630

# Triad

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



171.3670, 3.7631, 53.1751



162.2320, -32.1594, 1.5505



133.0710, 45.3210, -116.7033

# Complementary

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



171.3670, 3.7631, 53.1751



199.6330, -3.7631, -53.1751

# 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.



131.8850, 30.6227, -115.6631



171.3670, 3.7631, 53.1751



156.8070, -17.6529, -31.4027

# Square

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



171.3670, 3.7631, 53.1751



165.6100, -35.3037, 30.1600



146.9990, 4.4375, -70.1591



156.7070, 41.0634, -57.6250



# Rectangle

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



171.3670, 3.7631, 53.1751



168.4620, -23.8918, 56.5998



146.9990, 4.4375, -70.1591



133.2190, 40.8110, -116.8331

# Sweetspot

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



171.3670, 3.7631, 53.1751



234.8650, 1.5456, 17.6584



165.4490, 32.8096, 23.2852



116.1800, 0.4043, 10.3661



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.



171.3670, 3.7631, 53.1751



175.4060, 4.7298, 69.8039



170.3290, -15.4452, 54.0855



107.1580, 0.4151, 6.8774



62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541



# Inverse Universe

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



171.3670, 3.7631, 53.1751



175.4060, 4.7298, 69.8039



200.6710, 15.4452, -54.0855



107.1580, 0.4151, 6.8774



62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541



# Previews

## White Background



This preview shows how the YUV color 171.3670, 3.7631, 53.1751 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

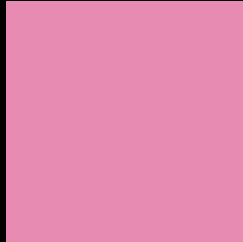
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 171.3670, 3.7631, 53.1751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

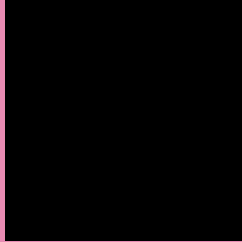
Any Text WCAG AA ✓ Pass

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 171.3670, 3.7631, 53.1751 Background



This preview shows how black text looks on a background with the YUV color 171.3670, 3.7631, 53.1751.



This preview shows how white text looks on a background with the YUV color 171.3670, 3.7631,



# 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

171.3670, 3.7631, 53.1751

### Protanopia

168.8110, 13.4042, -5.9732

### Deuteranopia

169.7500, 2.5882, 9.8663



## Tritanopia

169.9680, -7.8722, 51.7711

# Trichromacy



## Original Color

171.3670, 3.7631, 53.1751



## Protanomaly

169.7320, 9.9921, 15.1440



## Deuteranomaly

170.2620, 2.8288, 26.0802



## Tritanomaly

170.7060, -3.7991, 52.0008

# Monochromacy



## Original Color

171.3670, 3.7631, 53.1751



## Achromatopsia

171.0000, 0.0000, 0.0000



## Achromatomaly

170.8760, 1.5401, 19.4027

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.3670, 3.7631, 53.1751 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(232, 139, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 139, 179)  
}
```

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(232, 139, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 139, 179) }
```

## Border

The CSS property to change the border of an element to YUV 171.3670, 3.7631, 53.1751 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(232, 139, 179) }
```



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

```
.border{ border-color:rgb(232, 139, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 139, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 139, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 139, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 139,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 171.3670, 3.7631, 53.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 139, 179) }
```

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

```
.background{ background-color: rgb(232,  
139, 179) }
```

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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