

# Converting Colors

YUV(186.8660, 3.5171, 38.7055)

Have a look what the booklet for  
YUV(186.8660, 3.5171, 38.7055)  
contains.

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# Color

**YUV(186.8660, 3.5171,  
38.7055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A3C2
RGB	231, 163, 194
RGB Percent	91%, 64%, 76%
CMY	0.0941, 0.3608, 0.2392
CMYK	0.00, 0.29, 0.16, 0.09
HSL	333°, 59%, 77%
HSV	333°, 29%, 91%
XYZ	55.7898, 47.0784, 57.1855
YIQ	186.8660, 30.5770, 24.0570

# Conversions

## Conversions Part 2

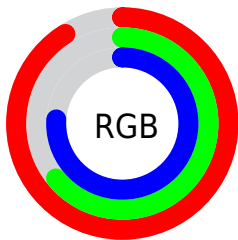
Format	Color
R <sub>Y</sub> B	231, 163, 194
Decimal	15180738
CIE Lab	74.24, 29.68, -5.78
CIE LCh	74, 30.234, 348.983
Yxy	47.0784, 0.3486, 0.2941
Android (android.graphics.Color)	4293370818 (0xFFE7A3C2)
YUV	186.8660, 3.5171, 38.7055
Hunter-Lab	68.6137, 25.0645, -1.3852

# Details

The YUV color **186.8660, 3.5171, 38.7055** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.1340, -3.5171, -38.7055**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7110, 8.5235, 19.5475**, and **132.5560, 3.6699, 36.3464** is the 20% darker color. If you saturate the color by 10%, you get **171.8830, 4.4947, 51.8456**, and if you desaturate by 10%, it is **201.8490, 2.5394, 25.5654**.

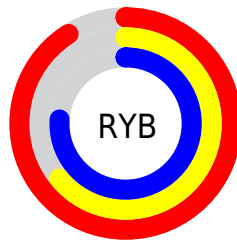
# Distribution



Red (91%)

Green (64%)

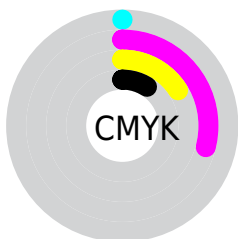
Blue (76%)



Red (91%)

Yellow (64%)

Blue (76%)

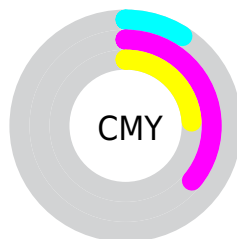


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (36%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.8660, 3.5171, 38.7055 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 186.8660, 3.5171, 38.7055 by changing the saturation by 10% instead.




 186.8660, 3.5171,  
38.7055

 186.8660, 3.5171,  
38.7055


255.0000, 0.0000,  
0.0000

 159.2680, 3.8119,  
37.4760

 232.7110, 8.5235,  
19.5475


 132.5560, 3.6699,  
36.3464

 250.3040, 2.3151,  
4.1184

 106.9580, 3.9647,  
35.1168

 81.9470, 3.9701,  
33.3725

 58.3490, 4.2649,  
32.1429

 33.6910, 5.5753,  
31.8430

 16.4900, 3.7024,

25.8803

■ 3.5880, -1.7689,  
7.3773

■ 0.0000, 0.0000,  
0.0000

■ 186.8660, 3.5171,  
38.7055

■ 186.8660, 3.5171,  
38.7055

■ 171.8830, 4.4947,  
51.8456

■ 201.8490, 2.5394,  
25.5654

■ 157.0140, 5.9091,  
64.8857

■ 216.7180, 1.1250,  
12.5253

■ 142.0310, 6.8867,  
78.0258

■ 231.7010, 0.1474,  
-0.6148

■ 127.1620, 8.3011,  
91.0659

■ 246.5700, -1.2670,  
-13.6549

■ 111.5920, 9.5681,  
104.7208

■ 247.8240, 3.5378,  
-14.7546

■ 96.7230, 10.9826,  
117.7609

■ 81.7400, 11.9602,  
130.9010

■ 81.0390, 11.8128,  
131.5158

# Harmonies

## Analogous

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



186.3610, 16.0910, 18.9774



186.8660, 3.5171, 38.7055



186.0660, -9.8925, 46.4231

# Triad

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



186.8660, 3.5171, 38.7055



179.0180, -24.1659, 4.3692



170.2000, 26.5234, -60.6884

# Complementary

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



186.8660, 3.5171, 38.7055



207.1340, -3.5171, -38.7055

# 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.



168.3280, 15.6143, -61.6777



186.8660, 3.5171, 38.7055



175.2690, -14.9226, -20.4069

# Square

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



186.8660, 3.5171, 38.7055



181.8790, -26.5623, 26.4161



171.3120, -0.1538, -44.1236



176.7280, 29.2211, -39.2265



# Rectangle

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



186.8660, 3.5171, 38.7055



184.6930, -17.5966, 44.1192



171.3120, -0.1538, -44.1236



168.4940, 23.9135, -63.5772

# Sweetspot

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



186.8660, 3.5171, 38.7055



240.1310, 1.4144, 13.0401



181.5160, 24.3956, 15.3335



118.2830, 0.8465, 8.5218



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.



186.8660, 3.5171, 38.7055



197.1710, 4.3527, 50.7160



184.5060, -10.6025, 40.7752



107.2720, 0.8519, 6.7775



62.7550, 8.9948, 101.9469



17.8710, 2.5286, 29.0541



# Inverse Universe

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



186.8660, 3.5171, 38.7055



197.1710, 4.3527, 50.7160



209.4940, 10.6025, -40.7752



107.2720, 0.8519, 6.7775



62.7550, 8.9948, 101.9469



17.8710, 2.5286, 29.0541



# Previews

## White Background



This preview shows how the YUV color 186.8660, 3.5171, 38.7055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

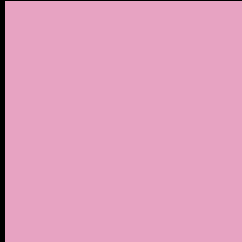
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.8660, 3.5171, 38.7055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

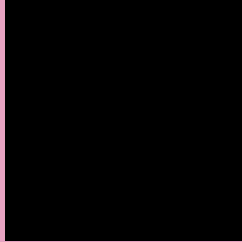
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 186.8660, 3.5171, 38.7055

## Background



This preview shows how black text looks on a background with the YUV color 186.8660, 3.5171, 38.7055.



This preview shows how white text looks on a background with the YUV color 186.8660, 3.5171,

38.7055.

# 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

186.8660, 3.5171, 38.7055

### Protanopia

183.8390, 10.9254, -4.2438

### Deuteranopia

184.5760, 3.1670, 10.8958



## Tritanopia

186.2050, -4.0451, 37.5312

# Trichromacy



## Original Color

186.8660, 3.5171, 38.7055

## Protanomaly

184.9550, 8.4032, 11.4405

## Deuteranomaly

185.3430, 3.2819, 20.7472

## Tritanomaly

186.6010, -1.2823, 38.0609

# Monochromacy



## Original Color

186.8660, 3.5171, 38.7055

## Achromatopsia

187.0000, 0.0000, 0.0000

## Achromatomaly

186.8430, 1.5564, 14.1697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.8660, 3.5171, 38.7055 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(231, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 163, 194)  
}
```

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(231, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 163, 194) }
```

## Border

The CSS property to change the border of an element to YUV 186.8660, 3.5171, 38.7055 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(231, 163, 194) }
```



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

```
.border{ border-color:rgb(231, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(231, 163,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 186.8660, 3.5171, 38.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 163, 194) }
```

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

```
.background{ background-color: rgb(231,  
163, 194) }
```

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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