

# Converting Colors

YUV(189.6620, -3.7774,  
45.0234)

Have a look what the booklet for  
YUV(189.6620, -3.7774, 45.0234)  
contains.

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# Color

**YUV(189.6620, -3.7774,  
45.0234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1A5B6
RGB	241, 165, 182
RGB Percent	95%, 65%, 71%
CMY	0.0549, 0.3529, 0.2863
CMYK	0.00, 0.32, 0.24, 0.05
HSL	347°, 73%, 80%
HSV	347°, 32%, 95%
XYZ	58.1743, 48.9884, 50.6456
YIQ	189.6620, 39.8390, 21.3990

# Conversions

## Conversions Part 2

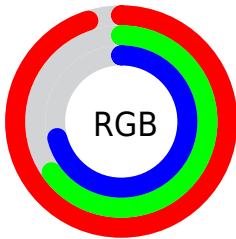
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 165, 182
Decimal	15836598
CIE Lab	75.44, 30.37, 2.70
CIE LCh	75, 30.487, 5.082
Yxy	48.9884, 0.3686, 0.3104
Android (android.graphics.Color)	4294026678 (0xFFFF1A5B6)
YUV	189.6620, -3.7774, 45.0234
Hunter-Lab	69.9917, 25.8763, 6.0924

# Details

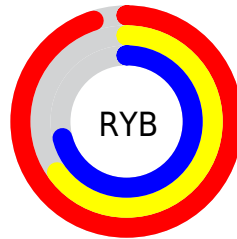
The YUV color **189.6620, -3.7774, 45.0234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **216.3380, 3.7774, -45.0234**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1040, 2.4137, 19.2028**, and **135.1670, -3.0403, 41.9495** is the 20% darker color. If you saturate the color by 10%, you get **173.4080, -5.1311, 59.2782**, and if you desaturate by 10%, it is **205.9160, -2.4236, 30.7687**.

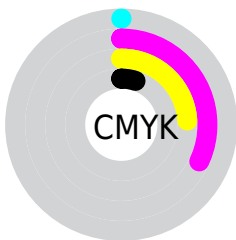
# Distribution



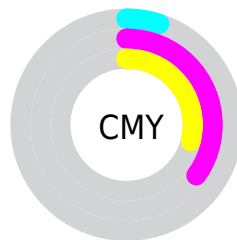
- Red (95%)
- Green (65%)
- Blue (71%)



- Red (95%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.6620, -3.7774, 45.0234 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 189.6620, -3.7774, 45.0234 by changing the saturation by 10% instead.





 189.6620, -3.7774,  
45.0234


 189.6620, -3.7774,  
45.0234

255.0000, 0.0000,  
0.0000


 162.0640, -3.4826,  
43.7939


 233.1040, 2.4137,  
19.2028

 135.1670, -3.0403,  
41.9495

 251.4780, 1.7363,  
3.0888

 109.5690, -2.7455,  
40.7200

 84.3730, -2.1559,  
38.2609

 59.8890, -1.4243,  
36.9313

 35.0460, 0.4703,  
35.9167

 17.1440, -1.5500,

30.5687

■ 6.8770, -3.3904,  
14.1399

■ 0.0000, 0.0000,  
0.0000

■ 189.6620, -3.7774,  
45.0234

■ 189.6620, -3.7774,  
45.0234

■ 173.4080, -5.1311,  
59.2782

■ 205.9160, -2.4236,  
30.7687

■ 157.2680, -6.0481,  
73.4330

■ 222.0560, -1.5066,  
16.6139

■ 141.0140, -7.4019,  
87.6877

■ 238.3100, -0.1528,  
2.3591

■ 124.7600, -8.7557,  
101.9425

■ 250.8140, 2.0637,  
-8.6069

■ 108.5060,  
-10.1095, 116.1972

■ 91.7790, -10.7370,  
130.8668

■ 78.2150, -11.9380,  
142.7624

# Harmonies

## Analogous

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



190.1300, 9.7959, 31.4580



189.6620, -3.7774, 45.0234



188.0460, -16.2917, 45.5637

# Triad

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



189.6620, -3.7774, 45.0234



180.8530, -20.6335, -8.6411



176.6510, 29.2591, -51.4369

# Complementary

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



189.6620, -3.7774, 45.0234



216.3380, 3.7774, -45.0234

# 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.



171.4400, 22.4611, -64.4069



189.6620, -3.7774, 45.0234



176.4290, -7.6065, -33.7022

# Square

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



189.6620, -3.7774, 45.0234



184.1010, -26.6718, 14.8204



172.8250, 8.4673, -55.9745



184.1860, 28.0093, -23.8421



# Rectangle

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



189.6620, -3.7774, 45.0234



186.9930, -22.6745, 39.4711



172.8250, 8.4673, -55.9745



174.2650, 27.9704, -58.1144

# Sweetspot

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



189.6620, -3.7774, 45.0234



239.4470, -1.2064, 13.6400



191.0060, 24.6470, 28.0587



117.9410, -0.4639, 8.8217



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.



189.6620, -3.7774, 45.0234



189.5110, -4.6889, 57.4339



199.4640, -16.9908, 36.4271



111.9300, -0.4585, 7.0774



59.6900, -9.2142, 109.0199



18.2260, -2.5764, 33.1278



# Inverse Universe

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



189.6620, -3.7774, 45.0234



189.5110, -4.6889, 57.4339



206.5360, 16.9908, -36.4271



111.9300, -0.4585, 7.0774



59.6900, -9.2142, 109.0199



18.2260, -2.5764, 33.1278



# Previews

## White Background



This preview shows how the YUV color 189.6620, -3.7774, 45.0234 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

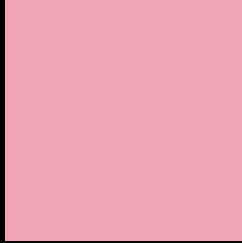
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.6620, -3.7774, 45.0234 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 189.6620, -3.7774, 45.0234 Background



This preview shows how black text looks on a background with the YUV color 189.6620, -3.7774, 45.0234.



This preview shows how white text looks on a background with the YUV color 189.6620, -3.7774,

45.0234.

# 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

189.6620, -3.7774, 45.0234

### Protanopia

186.6240, 3.6364, 0.3298

### Deuteranopia

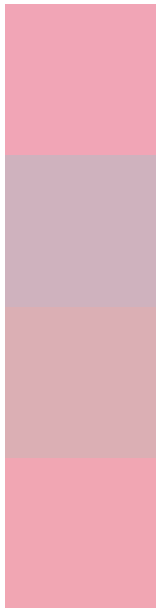
187.9590, -4.4168, 16.6990



## Tritanopia

189.7930, -5.8139, 44.9085

# Trichromacy



## Original Color

189.6620, -3.7774, 45.0234

## Protanomaly

188.0390, 0.9668, 16.6288

## Deuteranomaly

188.7260, -4.3019, 26.5503

## Tritanomaly

189.9070, -5.3772, 44.8086

# Monochromacy



## Original Color

189.6620, -3.7774, 45.0234

## Achromatopsia

190.0000, 0.0000, 0.0000

## Achromatomaly

190.0560, -1.5066, 16.6139

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.6620, -3.7774, 45.0234 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(241, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(241, 165, 182)  
}
```

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(241, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 182) }
```

## Border

The CSS property to change the border of an element to YUV 189.6620, -3.7774, 45.0234 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(241, 165, 182) }
```



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

```
.border{ border-color:rgb(241, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 165, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 165, 182); box-shadow:4px 4px 4px 4px rgb(241, 165, 182) }
```

# Background

The CSS property to change the background color of an element to YUV 189.6620, -3.7774, 45.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 182) }
```

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

```
.background{ background-color: rgb(241,  
165, 182) }
```

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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