

# Converting Colors

YUV(188.8860, -6.8458,  
49.2120)

Have a look what the booklet for  
YUV(188.8860, -6.8458, 49.2120)  
contains.

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# Color

**YUV(188.8860, -6.8458,  
49.2120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5A3AF
RGB	245, 163, 175
RGB Percent	96%, 64%, 69%
CMY	0.0392, 0.3608, 0.3137
CMYK	0.00, 0.33, 0.29, 0.04
HSL	351°, 80%, 80%
HSV	351°, 33%, 96%
XYZ	58.4912, 48.7020, 46.8750
YIQ	188.8860, 45.0200, 21.1160

# Conversions

## Conversions Part 2

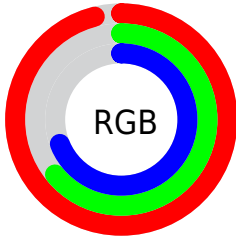
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 163, 175
Decimal	16098223
CIE Lab	75.27, 31.91, 6.34
CIE LCh	75, 32.530, 11.235
Yxy	48.7020, 0.3796, 0.3161
Android (android.graphics.Color)	4294288303 (0xFF5A3AF)
YUV	188.8860, -6.8458, 49.2120
Hunter-Lab	69.7868, 27.4813, 9.0263

# Details

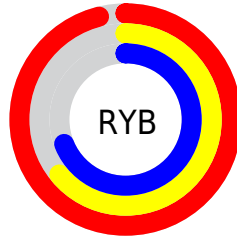
The YUV color **188.8860, -6.8458, 49.2120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **219.1140, 6.8458, -49.2120**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0180, -0.5019, 21.0322**, and **134.5050, -5.6720, 46.0381** is the 20% darker color. If you saturate the color by 10%, you get **172.4040, -9.0732, 63.6667**, and if you desaturate by 10%, it is **205.3680, -4.6184, 34.7573**.

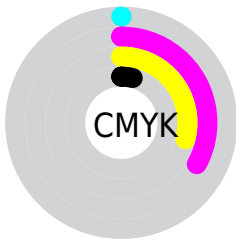
# Distribution



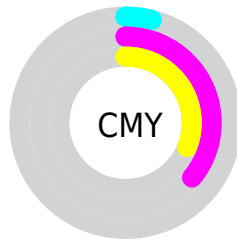
- Red (96%)
- Green (64%)
- Blue (69%)



- Red (96%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.8860, -6.8458, 49.2120 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 188.8860, -6.8458, 49.2120 by changing the saturation by 10% instead.




 188.8860, -6.8458,  
49.2120

 188.8860, -6.8458,  
49.2120


255.0000, 0.0000,  
0.0000


 161.2880, -6.5510,  
47.9824


 231.0180, -0.5019,  
21.0322


 134.5050, -5.6720,  
46.0381

 250.3040, 2.3151,  
4.1184

 108.6080, -5.2297,  
44.1938

 82.8250, -4.3507,  
42.2495

 58.1560, -3.0349,  
40.2052

 33.3130, -1.1403,  
39.1905

 16.7160, -5.7760,

32.6981

■ 7.2900, -3.1010,  
14.6547

■ 0.0000, 0.0000,  
0.0000

■ 188.8860, -6.8458,  
49.2120

■ 188.8860, -6.8458,  
49.2120

■ 172.4040, -9.0732,  
63.6667

■ 205.3680, -4.6184,  
34.7573

■ 155.3350,  
-11.0112, 78.6362

■ 222.4370, -2.6804,  
19.7878

■ 138.8530,  
-13.2385, 93.0909

■ 238.9190, -0.4531,  
5.3330

■ 121.7840,  
-15.1765, 108.0604

■ 252.0100, 1.4741,  
-6.1478

■ 105.3020,  
-17.4039, 122.5151

■ 88.3470, -18.9051,  
137.3847

■ 77.3590, -20.3900,  
147.0212

# Harmonies

## Analogous

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



189.8920, 7.4482, 37.8057



188.8860, -6.8458, 49.2120



187.4330, -19.9335, 46.9783

# Triad

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



188.8860, -6.8458, 49.2120



178.7490, -19.5963, -14.6889



176.9330, 31.5850, -50.8072

# Complementary

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



188.8860, -6.8458, 49.2120



219.1140, 6.8458, -49.2120

# 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.



169.5470, 26.8453, -70.6397



188.8860, -6.8458, 49.2120



174.1830, -4.5272, -41.3795

# Square

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



188.8860, -6.8458, 49.2120



182.4380, -27.8239, 11.0169



169.6220, 13.0044, -64.5665



184.5610, 29.3034, -18.9090



# Rectangle

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



188.8860, -6.8458, 49.2120



186.1840, -25.7267, 38.4266



169.6220, 13.0044, -64.5665



173.7640, 31.1753, -59.4290

# Sweetspot

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



188.8860, -6.8458, 49.2120



237.8170, -2.3748, 15.0695



193.2780, 25.4989, 34.8362



117.0120, -1.4849, 9.6365



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.



188.8860, -6.8458, 49.2120



185.2080, -8.4835, 61.2076



204.5410, -20.4797, 35.4825



113.8160, -0.8953, 7.1774



58.6920, -15.6242, 111.6491



18.6670, -4.7658, 35.3720



# Inverse Universe

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



188.8860, -6.8458, 49.2120



185.2080, -8.4835, 61.2076



203.4590, 20.4797, -35.4825



113.8160, -0.8953, 7.1774



58.6920, -15.6242, 111.6491



18.6670, -4.7658, 35.3720



# Previews

## White Background



This preview shows how the YUV color 188.8860, -6.8458, 49.2120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

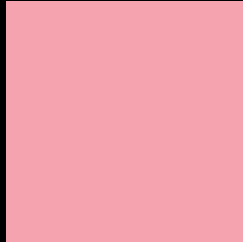
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.8860, -6.8458, 49.2120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

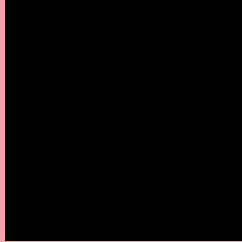
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 188.8860, -6.8458, 49.2120

## Background



This preview shows how black text looks on a background with the YUV color 188.8860, -6.8458, 49.2120.



This preview shows how white text looks on a background with the YUV color 188.8860, -6.8458,



# 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

188.8860, -6.8458, 49.2120

### Protanopia

186.4240, 0.2840, 2.2592

### Deuteranopia

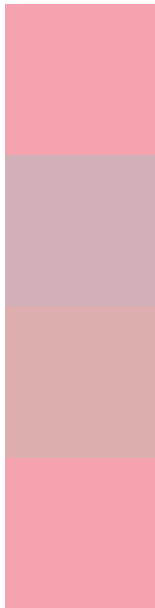
187.1720, -7.4798, 19.1432



## Tritanopia

188.8860, -6.8458, 49.2120

# Trichromacy



## Original Color

188.8860, -6.8458, 49.2120

## Protanomaly

187.2520, -2.0962, 19.0730

## Deuteranomaly

187.6510, -7.2229, 30.1241

## Tritanomaly

188.8860, -6.8458, 49.2120

# Monochromacy



## Original Color

188.8860, -6.8458, 49.2120

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

189.1270, -2.5276, 17.4286

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.8860, -6.8458, 49.2120 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(245, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 175)  
}
```

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(245, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 175) }
```

## Border

The CSS property to change the border of an element to YUV 188.8860, -6.8458, 49.2120 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(245, 163, 175) }
```



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

```
.border{ border-color:rgb(245, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 188.8860, -6.8458, 49.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 175) }
```

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

```
.background{ background-color: rgb(245,  
163, 175) }
```

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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