

# Converting Colors

YUV(189.2230, 12.2151,  
48.9164)

Have a look what the booklet for  
YUV(189.2230, 12.2151, 48.9164)  
contains.

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# Color

**YUV(189.2230, 12.2151,  
48.9164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F59CD6
RGB	245, 156, 214
RGB Percent	96%, 61%, 84%
CMY	0.0392, 0.3882, 0.1608
CMYK	0.00, 0.36, 0.13, 0.04
HSL	321°, 82%, 79%
HSV	321°, 36%, 96%
XYZ	61.6823, 48.0445, 69.6408
YIQ	189.2230, 34.4260, 36.9060

# Conversions

## Conversions Part 2

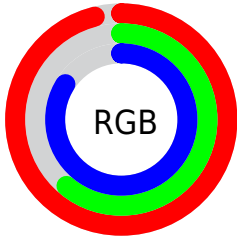
Format	Color
R <sub>Y</sub> B	245, 156, 214
Decimal	16096470
CIE Lab	74.85, 41.28, -15.68
CIE LCh	75, 44.158, 339.208
Yxy	48.0445, 0.3439, 0.2679
Android (android.graphics.Color)	4294286550 (0xFFF59CD6)
YUV	189.2230, 12.2151, 48.9164
Hunter-Lab	69.3141, 37.5465, -11.0496

# Details

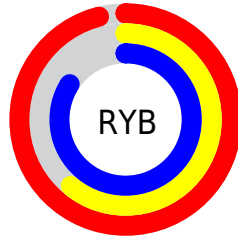
The YUV color **189.2230, 12.2151, 48.9164** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **211.7770, -12.2151, -48.9164**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **134.5000, 12.0785, 46.0425** is the 20% darker color. If you saturate the color by 10%, you get **174.1090, 15.2293, 62.1714**, and if you desaturate by 10%, it is **204.3370, 9.2009, 35.6615**.

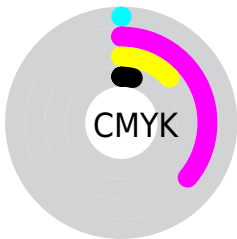
# Distribution



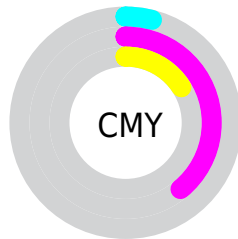
- Red (96%)
- Green (61%)
- Blue (84%)



- Red (96%)
- Yellow (61%)
- Blue (84%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (39%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 189.2230, 12.2151, 48.9164 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 189.2230, 12.2151, 48.9164 by changing the saturation by 10% instead.





 189.2230, 12.2151,  
48.9164

 189.2230, 12.2151,  
48.9164


255.0000, 0.0000,  
0.0000


 161.5110, 12.0731,  
47.7869


 229.7590, 12.4438,  
22.1364


 134.5000, 12.0785,  
46.0425

 246.7820, 4.0515,  
7.2072

 107.9020, 12.3733,  
44.8129

 82.3040, 12.6681,  
43.5834

 55.5320, 13.5417,  
43.3834

 30.7600, 14.4153,  
43.1835

 20.7770, 8.4909,

30.0136

■ 10.7940, 2.5666,  
16.8437

■ 0.0000, 0.0000,  
0.0000

■ 189.2230, 12.2151,  
48.9164

■ 189.2230, 12.2151,  
48.9164

■ 174.1090, 15.2293,  
62.1714

■ 204.3370, 9.2009,  
35.6615

■ 158.5220, 18.9697,  
75.8412

■ 219.9240, 5.4605,  
21.9917

■ 143.4080, 21.9839,  
89.0962

■ 235.6250, 2.1569,  
8.2219

■ 127.8210, 25.7242,  
102.7660

■ 250.6250, -1.2941,  
-4.9331

■ 112.7070, 28.7384,  
116.0210

■ 252.0100, 1.4741,  
-6.1478

■ 97.1200, 32.4788,  
129.6908

■ 91.4950, 33.7730,  
134.6239

# Harmonies

## Analogous

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



188.6560, 28.7636, 14.3337



189.2230, 12.2151, 48.9164



185.1910, -6.0102, 61.2225

# Triad

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



189.2230, 12.2151, 48.9164



180.0120, -38.4599, 15.7755



145.8370, 43.4644, -127.8990

# Complementary

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



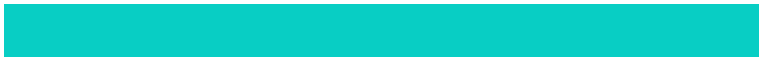
189.2230, 12.2151, 48.9164



211.7770, -12.2151, -48.9164

# 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.



145.6580, 24.8186, -120.7261



189.2230, 12.2151, 48.9164



175.3650, -27.2949, -18.7371

# Square

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



189.2230, 12.2151, 48.9164



183.3560, -36.6575, 44.4148



166.9160, -6.3676, -57.8083



161.7630, 45.9658, -90.1232



# Rectangle

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



189.2230, 12.2151, 48.9164



183.9880, -18.2351, 62.2775



166.9160, -6.3676, -57.8083



145.7570, 38.0808, -127.8289

# Sweetspot

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



189.2230, 12.2151, 48.9164



237.4240, 3.7350, 15.4142



175.1160, 34.4528, 9.5453



117.3370, 2.2989, 9.3515



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.



189.2230, 12.2151, 48.9164



184.8100, 15.3767, 61.5566



184.3210, -6.5673, 53.2155



114.5000, 1.7255, 6.5775



69.4080, 25.4349, 102.2512



21.9730, 7.9013, 32.4727



# Inverse Universe

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



189.2230, 12.2151, 48.9164



184.8100, 15.3767, 61.5566



216.6790, 6.5673, -53.2155



114.5000, 1.7255, 6.5775



69.4080, 25.4349, 102.2512



21.9730, 7.9013, 32.4727



# Previews

## White Background



This preview shows how the YUV color 189.2230, 12.2151, 48.9164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

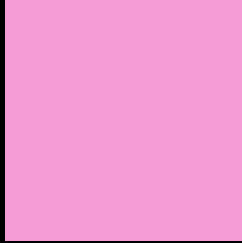
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.2230, 12.2151, 48.9164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

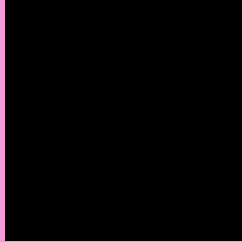
Any Text WCAG AA ✓ Pass

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 189.2230, 12.2151, 48.9164 Background



This preview shows how black text looks on a background with the YUV color 189.2230, 12.2151, 48.9164.



This preview shows how white text looks on a background with the YUV color 189.2230, 12.2151,

48.9164.

# 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

189.2230, 12.2151, 48.9164

### Protanopia

185.5960, 22.8772, -11.0467

### Deuteranopia

186.7090, 11.4825, 3.7632



## Tritanopia

187.8040, -5.8194, 46.6529

# Trichromacy



## Original Color

189.2230, 12.2151, 48.9164



## Protanomaly

186.7020, 18.8809, 10.7853



## Deuteranomaly

187.5200, 11.5756, 20.5920



## Tritanomaly

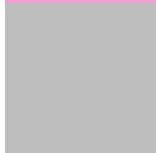
187.9380, 1.0166, 47.4124

# Monochromacy



## Original Color

189.2230, 12.2151, 48.9164



## Achromatopsia

189.0000, 0.0000, 0.0000



## Achromatomaly

188.9620, 4.4557, 17.5733

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.2230, 12.2151, 48.9164 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, 156, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 156, 214)  
}
```

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, 156, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 156, 214) }
```

## Border

The CSS property to change the border of an element to YUV 189.2230, 12.2151, 48.9164 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, 156, 214) }
```



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

```
.border{ border-color:rgb(245, 156, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 156, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 156, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 156, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 156,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 189.2230, 12.2151, 48.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 156, 214) }
```

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

```
.background{ background-color: rgb(245,  
156, 214) }
```

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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