

# Converting Colors

YUV(175.3210, 17.0967,  
69.8785)

Have a look what the booklet for  
YUV(175.3210, 17.0967, 69.8785)  
contains.

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# Color

**YUV(175.3210, 17.0967,  
69.8785)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF80D2
RGB	255, 128, 210
RGB Percent	100%, 50%, 82%
CMY	0.0000, 0.4980, 0.1765
CMYK	0.00, 0.50, 0.18, 0.00
HSL	321°, 100%, 75%
HSV	321°, 50%, 100%
XYZ	60.5920, 41.3515, 65.7609
YIQ	175.3210, 49.3700, 52.4260

# Conversions

## Conversions Part 2

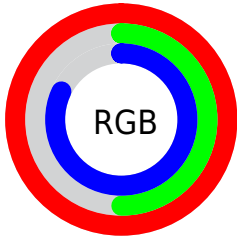
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 128, 210
Decimal	16744658
CIE <sub>Lab</sub>	70.42, 57.82, -20.05
CIE <sub>LCh</sub>	70, 61.197, 340.871
Yxy	41.3515, 0.3613, 0.2466
Android (android.graphics.Color)	4294934738 (0xFFFF80D2)
YUV	175.3210, 17.0967, 69.8785
Hunter-Lab	64.3051, 55.6591, -15.6186

# Details

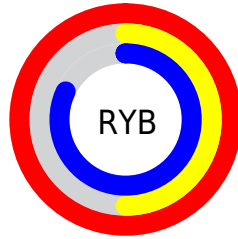
The YUV color **175.3210, 17.0967, 69.8785** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **207.6790, -17.0967, -69.8785**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **119.1250, 17.6864, 67.4194** is the 20% darker color. If you saturate the color by 10%, you get **159.6200, 20.4003, 83.6483**, and if you desaturate by 10%, it is **191.6090, 13.5038, 55.5939**.

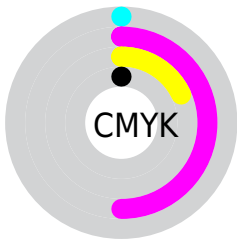
# Distribution



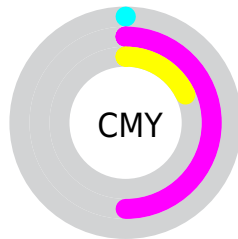
- Red (100%)
- Green (50%)
- Blue (82%)



- Red (100%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (0%)




- Cyan (0%)
- Magenta (50%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 175.3210, 17.0967, 69.8785 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 175.3210, 17.0967, 69.8785 by changing the saturation by 10% instead.





 175.3210, 17.0967,  
69.8785


 175.3210, 17.0967,  
69.8785


255.0000, 0.0000,  
0.0000


 146.7230, 17.3916,  
68.6489


 213.3230, 20.5468,  
36.5507


 119.1250, 17.6864,  
67.4194


 230.3460, 12.1544,  
21.6216

 89.8800, 19.2862,  
67.6342

 247.3690, 3.7621,  
6.6924

 53.1180, 25.0848,  
74.4415

 42.3090, 18.5817,  
60.2420

 31.3150, 12.6627,  
45.3277

 21.6310, 6.5909,

32.7726

■ 9.3980, -0.1962,  
16.3140

■ 0.0000, 0.0000,  
0.0000

■ 175.3210, 17.0967,  
69.8785

■ 175.3210, 17.0967,  
69.8785

■ 159.6200, 20.4003,  
83.6483

■ 191.6090, 13.5038,  
55.5939

■ 143.3320, 23.9933,  
97.9328

■ 207.3100, 10.2002,  
41.8241

■ 127.0440, 27.5863,  
112.2174

■ 223.5980, 6.6072,  
27.5396

■ 111.3430, 30.8899,  
125.9872

■ 239.2990, 3.3036,  
13.7698

■ 95.0550, 34.4829,  
140.2718

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



176.9310, 38.4880, 21.9855



175.3210, 17.0967, 69.8785



165.4150, -5.6276, 78.5660

# Triad

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



175.3210, 17.0967, 69.8785



164.1850, -54.3212, 16.5008



143.4550, 49.5687, -125.8100

# Complementary

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



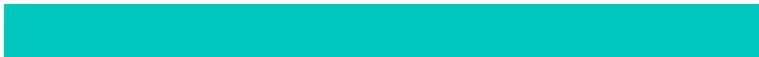
175.3210, 17.0967, 69.8785



207.6790, -17.0967, -69.8785

# 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.



139.1740, 25.5502, -122.0556



175.3210, 17.0967, 69.8785



156.8830, -36.4243, -30.5924

# Square

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



175.3210, 17.0967, 69.8785



168.1220, -51.8251, 56.0210



130.9150, 1.5209, -114.8125



139.4260, 56.9780, -122.2766



# Rectangle

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



175.3210, 17.0967, 69.8785



165.4200, -23.3781, 78.5617



130.9150, 1.5209, -114.8125



142.2180, 42.2905, -124.7252

# Sweetspot

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



175.3210, 17.0967, 69.8785



231.0980, 4.8817, 20.9621



155.6340, 48.9874, 14.3530



113.4730, 2.7248, 12.7402



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.



175.3210, 17.0967, 69.8785



159.0330, 20.6897, 84.1631



168.1390, -10.4215, 76.1771



119.7990, 1.5781, 7.1923



71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466



# Inverse Universe

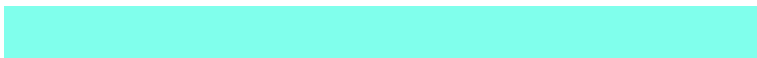
The Inverse Universe completely reimagines the original color for something new.



175.3210, 17.0967, 69.8785



159.0330, 20.6897, 84.1631



214.8610, 10.4215, -76.1771



119.7990, 1.5781, 7.1923



71.1310, 25.5714, 105.1251

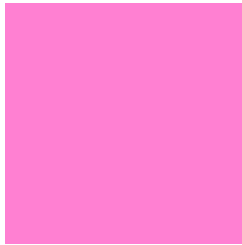


23.8100, 8.4747, 35.2466



# Previews

## White Background



This preview shows how the YUV color 175.3210, 17.0967, 69.8785 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

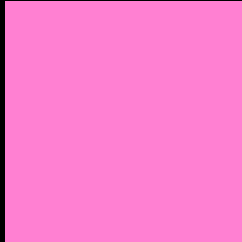
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.3210, 17.0967, 69.8785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

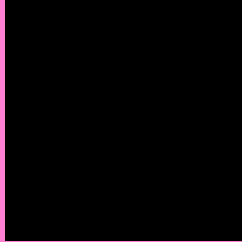
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 175.3210, 17.0967, 69.8785

## Background



This preview shows how black text looks on a background with the YUV color 175.3210, 17.0967, 69.8785.



This preview shows how white text looks on a background with the YUV color 175.3210, 17.0967,

69.8785.

# 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

175.3210, 17.0967, 69.8785

### Protanopia

172.4130, 33.8134, -18.7792

### Deuteranopia

174.6700, 13.9667, 0.2894



## Tritanopia

174.4320, -11.5520, 65.3961

# Trichromacy



## Original Color

175.3210, 17.0967, 69.8785



## Protanomaly

173.7160, 27.7480, 13.4041



## Deuteranomaly

174.8780, 15.3431, 25.5400



## Tritanomaly

174.4890, -1.2271, 67.1001

# Monochromacy



## Original Color

175.3210, 17.0967, 69.8785



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

175.1740, 6.3232, 25.2804

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.3210, 17.0967, 69.8785 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(255, 128, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 210)  
}
```

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(255, 128, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 210) }
```

## Border

The CSS property to change the border of an element to YUV 175.3210, 17.0967, 69.8785 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(255, 128, 210) }
```



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

```
.border{ border-color:rgb(255, 128, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 128, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 128, 210); box-shadow:4px 4px 4px 4px rgb(255, 128, 210) }
```

# Background

The CSS property to change the background color of an element to YUV 175.3210, 17.0967, 69.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 210) }
```

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

```
.background{ background-color: rgb(255,  
128, 210) }
```

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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