

# Converting Colors

YUV(170.8920, -2.4118,  
73.7627)

Have a look what the booklet for  
YUV(170.8920, -2.4118, 73.7627)  
contains.

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# Color

**YUV(170.8920, -2.4118,  
73.7627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF81A6
RGB	255, 129, 166
RGB Percent	100%, 51%, 65%
CMY	0.0000, 0.4941, 0.3490
CMYK	0.00, 0.49, 0.35, 0.00
HSL	342°, 100%, 75%
HSV	342°, 49%, 100%
XYZ	55.9732, 39.7137, 40.7918
YIQ	170.8920, 63.2190, 38.2190

# Conversions

## Conversions Part 2

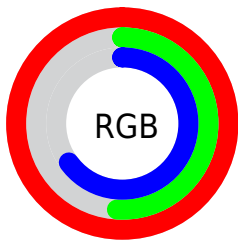
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 129, 166
Decimal	16744870
CIE <sub>Lab</sub>	69.27, 51.58, 2.83
CIE <sub>LCh</sub>	69, 51.655, 3.141
Yxy	39.7137, 0.4101, 0.2910
Android (android.graphics.Color)	4294934950 (0xFFFF81A6)
YUV	170.8920, -2.4118, 73.7627
Hunter-Lab	63.0188, 48.2605, 5.7350

# Details

The YUV color **170.8920, -2.4118, 73.7627** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **213.1080, 2.4118, -73.7627**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0340, 5.4062, 39.4352**, and **115.3260, -0.6537, 69.8741** is the 20% darker color. If you saturate the color by 10%, you get **154.1650, -3.0393, 88.4323**, and if you desaturate by 10%, it is **188.2060, -2.0736, 58.5783**.

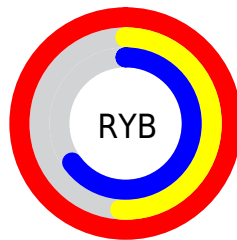
# Distribution



Red (100%)

Green (51%)

Blue (65%)



Red (100%)

Yellow (51%)

Blue (65%)

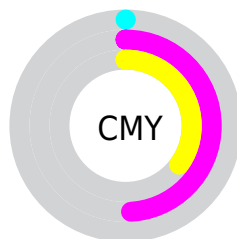


Cyan (0%)

Magenta (49%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 170.8920, -2.4118, 73.7627 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 170.8920, -2.4118, 73.7627 by changing the saturation by 10% instead.




 170.8920, -2.4118,  
73.7627


 170.8920, -2.4118,  
73.7627

255.0000, 0.0000,  
0.0000


 143.1090, -1.5327,  
71.8184


 210.0340, 5.4062,  
39.4352


 115.3260, -0.6537,  
69.8741


 229.6620, 9.5336,  
22.2214

 87.4830, 1.2409,  
68.8594

 247.3690, 3.7621,  
6.6924

 55.0580, 5.8874,  
71.8631

 37.7210, 3.5885,  
62.5117

 26.9550, -1.4568,  
47.3975

 16.9720, -7.3812,

34.2276

■ 3.8870, -1.9163,  
7.9921

■ 0.0000, 0.0000,  
0.0000

■ 170.8920, -2.4118,  
73.7627

■ 170.8920, -2.4118,  
73.7627

■ 154.1650, -3.0393,  
88.4323

■ 188.2060, -2.0736,  
58.5783

■ 136.8510, -3.3775,  
103.6167

■ 204.9330, -1.4460,  
43.9088

■ 120.1240, -4.0051,  
118.2863

■ 222.2470, -1.1078,  
28.7244

■ 102.8100, -4.3433,  
133.4706

■ 238.9740, -0.4802,  
14.0548

■ 86.0830, -4.9709, 255.0000, 0.0000,  
148.1402 0.0000

■ 84.7950, -4.8289,  
149.2698

# Harmonies

## Analogous

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



173.6560, 18.9036, 50.2907



170.8920, -2.4118, 73.7627



168.5720, -23.9460, 74.0434

# Triad

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



170.8920, -2.4118, 73.7627



158.9220, -35.4575, -13.9636



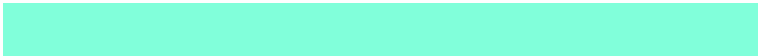
137.3230, 56.5358, -120.4323

# Complementary

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



170.8920, -2.4118, 73.7627



213.1080, 2.4118, -73.7627

# 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.



137.6700, 40.0957, -120.7366



170.8920, -2.4118, 73.7627



149.1130, -11.8877, -60.6121

# Square

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



170.8920, -2.4118, 73.7627



164.2320, -45.4704, 24.3525



133.0130, 19.7136, -116.6524



157.8410, 47.8994, -56.8656



# Rectangle

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



170.8920, -2.4118, 73.7627



168.2920, -36.1330, 62.8879



133.0130, 19.7136, -116.6524



138.0580, 51.7364, -121.0769

# Sweetspot

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



170.8920, -2.4118, 73.7627



229.6160, -0.7967, 22.2618



169.6760, 42.0647, 41.5031



112.5610, -0.7696, 13.5400



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.



170.8920, -2.4118, 73.7627



154.8660, -2.8919, 87.8175



181.3490, -25.8081, 64.5919



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461



# Inverse Universe

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



170.8920, -2.4118, 73.7627



154.8660, -2.8919, 87.8175



202.6510, 25.8081, -64.5919



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461



# Previews

## White Background



This preview shows how the YUV color 170.8920, -2.4118, 73.7627 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

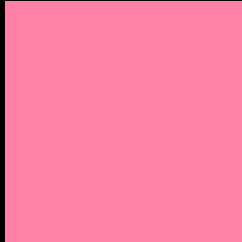
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.8920, -2.4118, 73.7627 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 170.8920, -2.4118, 73.7627

## Background



This preview shows how black text looks on a background with the YUV color 170.8920, -2.4118, 73.7627.



This preview shows how white text looks on a background with the YUV color 170.8920, -2.4118,



# 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

170.8920, -2.4118, 73.7627

### Protanopia

170.0950, 9.3202, -2.7143

### Deuteranopia

171.0190, -5.4324, 15.7693



## Tritanopia

170.0200, -13.3209, 72.7735

# Trichromacy



## Original Color

170.8920, -2.4118, 73.7627



## Protanomaly

170.5330, 5.1602, 24.9656



## Deuteranomaly

170.7920, -4.3345, 37.0164



## Tritanomaly

170.6440, -9.6845, 73.1032

# Monochromacy



## Original Color

170.8920, -2.4118, 73.7627



## Achromatopsia

171.0000, 0.0000, 0.0000



## Achromatomaly

171.2360, -1.1023, 26.9800

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.8920, -2.4118, 73.7627 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, 129, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 166)  
}
```

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, 129, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 166) }
```

## Border

The CSS property to change the border of an element to YUV 170.8920, -2.4118, 73.7627 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, 129, 166) }
```



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

```
.border{ border-color:rgb(255, 129, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
166) }
```

# Background

The CSS property to change the background color of an element to YUV 170.8920, -2.4118, 73.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 166) }
```

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

```
.background{ background-color: rgb(255,  
129, 166) }
```

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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