

# Converting Colors

YUV(167.2660, 0.3619, 70.8037)

Have a look what the booklet for  
YUV(167.2660, 0.3619, 70.8037)  
contains.

<b>YUV(167.2660, 0.3619, 70.8037)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(167.2660, 0.3619,  
70.8037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F87EA8
RGB	248, 126, 168
RGB Percent	97%, 49%, 66%
CMY	0.0275, 0.5059, 0.3412
CMYK	0.00, 0.49, 0.32, 0.03
HSL	339°, 90%, 73%
HSV	339°, 49%, 97%
XYZ	53.2401, 37.7053, 41.5176
YIQ	167.2660, 59.2300, 38.9260

# Conversions

## Conversions Part 2

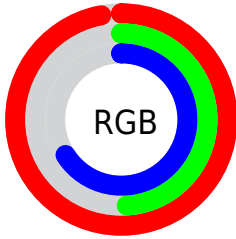
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 126, 168
Decimal	16285352
CIE <sub>Lab</sub>	67.80, 50.94, -0.54
CIE <sub>LCh</sub>	68, 50.948, 359.392
Yxy	37.7053, 0.4019, 0.2846
Android (android.graphics.Color)	4294475432 (0xFFFF87EA8)
YUV	167.2660, 0.3619, 70.8037
Hunter-Lab	61.4047, 47.3080, 2.8955

# Details

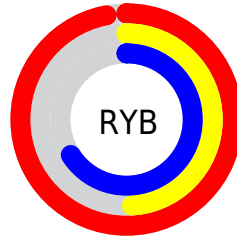
The YUV color **167.2660, 0.3619, 70.8037** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **206.7340, -0.3619, -70.8037**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9140, 7.4374, 41.2944**, and **111.9990, 1.9725, 67.5299** is the 20% darker color. If you saturate the color by 10%, you get **150.7670, 0.6079, 85.2733**, and if you desaturate by 10%, it is **183.7650, 0.1159, 56.3341**.

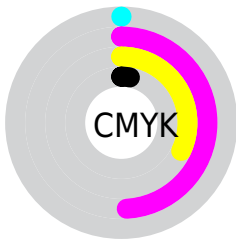
# Distribution



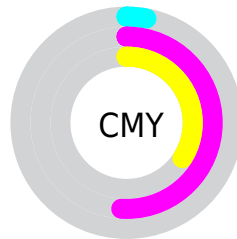
- Red (97%)
- Green (49%)
- Blue (66%)



- Red (97%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (51%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 167.2660, 0.3619, 70.8037 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 167.2660, 0.3619, 70.8037 by changing the saturation by 10% instead.





 167.2660, 0.3619,  
70.8037


 167.2660, 0.3619,  
70.8037


255.0000, 0.0000,  
0.0000


 139.4830, 1.2409,  
68.8594

 207.9140, 7.4374,  
41.2944


 111.9990, 1.9725,  
67.5299

 228.2430, 11.7122,  
23.4659

 84.1560, 3.8671,  
66.5152

 245.6080, 4.6303,  
8.2368

 50.4430, 8.6556,  
70.6485

 36.0410, 4.9098,  
58.7230

 25.3890, 0.3012,  
43.5088

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,  
0.0000

■ 167.2660, 0.3619,  
70.8037

■ 167.2660, 0.3619,  
70.8037

■ 150.7670, 0.6079,  
85.2733

■ 183.7650, 0.1159,  
56.3341

■ 134.1540, 0.4171,  
99.8429

■ 200.3780, 0.3066,  
41.7645

■ 118.2420, 0.3737,  
113.7978

■ 216.2900, 0.3500,  
27.8097

■ 101.7430, 0.6197,  
128.2674

■ 232.7890, 0.1040,  
13.3400

■ 85.2440, 0.8657,  
142.7370

■ 249.2880, -0.1420,  
-1.1296

■ 83.8420, 0.5709,  
143.9666

■ 252.9070, 1.0318,  
-4.3034

# Harmonies

## Analogous

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



170.1930, 21.1039, 44.5577



167.2660, 0.3619, 70.8037



165.3700, -20.8884, 73.3435

# Triad

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



167.2660, 0.3619, 70.8037



156.3140, -36.6368, -9.0454



134.5360, 53.4728, -117.9881

# Complementary

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



167.2660, 0.3619, 70.8037



206.7340, -0.3619, -70.8037

# 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.



134.1820, 36.8853, -117.6776



167.2660, 0.3619, 70.8037



147.3590, -14.9670, -52.9348

# Square

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



167.2660, 0.3619, 70.8037



160.7810, -44.7550, 28.2561



128.9380, 16.7926, -113.0786



151.2850, 51.1315, -66.9019



# Rectangle

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



167.2660, 0.3619, 70.8037



164.4000, -33.2282, 64.5472



128.9380, 16.7926, -113.0786



134.6840, 48.9628, -118.1179

# Sweetspot

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



167.2660, 0.3619, 70.8037



229.8440, 0.0769, 22.0618



163.5290, 41.6442, 36.3701



112.6750, -0.3328, 13.4400



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.



167.2660, 0.3619, 70.8037



155.6640, 0.1656, 87.1177



173.0440, -23.1927, 65.7364



116.4570, 0.2677, 7.4922



63.9210, 0.5319, 109.6943



20.6330, 0.1809, 35.4019



# Inverse Universe

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



167.2660, 0.3619, 70.8037



155.6640, 0.1656, 87.1177



200.9560, 23.1927, -65.7364



116.4570, 0.2677, 7.4922



63.9210, 0.5319, 109.6943



20.6330, 0.1809, 35.4019



# Previews

## White Background



This preview shows how the YUV color 167.2660, 0.3619, 70.8037 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

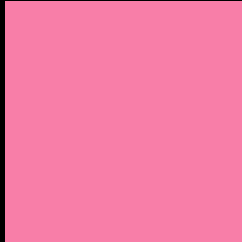
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 167.2660, 0.3619, 70.8037 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

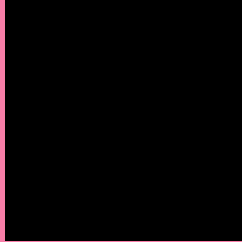
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 167.2660, 0.3619, 70.8037

## Background



This preview shows how black text looks on a background with the YUV color 167.2660, 0.3619, 70.8037.



This preview shows how white text looks on a background with the YUV color 167.2660, 0.3619,



# 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

167.2660, 0.3619, 70.8037

### Protanopia

166.1810, 12.2358, -4.5437

### Deuteranopia

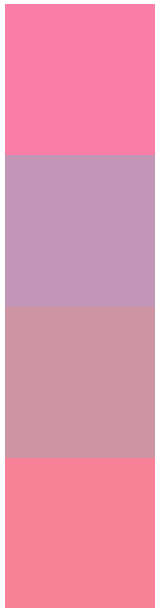
167.1050, -2.5168, 13.9399



## Tritanopia

166.5250, -12.5838, 69.6996

# Trichromacy



## Original Color

167.2660, 0.3619, 70.8037

## Protanomaly

166.6190, 8.0758, 23.1361

## Deuteranomaly

167.4650, -1.7082, 34.6722

## Tritanomaly

166.7900, -7.7845, 70.3442

# Monochromacy



## Original Color

167.2660, 0.3619, 70.8037

## Achromatopsia

167.0000, 0.0000, 0.0000

## Achromatomaly

166.8660, 0.0661, 25.5505

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 167.2660, 0.3619, 70.8037 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(248, 126, 168)` looks like.

```
.text, #text, p{  
    color:rgb(248, 126, 168)  
}
```

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(248, 126, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 126, 168) }
```

## Border

The CSS property to change the border of an element to YUV 167.2660, 0.3619, 70.8037 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(248, 126, 168) }
```



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

```
.border{ border-color:rgb(248, 126, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 126, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 126, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 126, 168);  
box-shadow:4px 4px 4px 4px rgb(248, 126,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 167.2660, 0.3619, 70.8037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 126, 168) }
```

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

```
.background{ background-color: rgb(248,  
126, 168) }
```

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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