

# Converting Colors

YUV(128.7670, -12.7031,  
108.0753)

Have a look what the booklet for  
YUV(128.7670, -12.7031, 108.0753)  
contains.

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# Color

**YUV(128.7670, -12.7031,  
108.0753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FC4767
RGB	252, 71, 103
RGB Percent	99%, 28%, 40%
CMY	0.0118, 0.7216, 0.5961
CMYK	0.00, 0.72, 0.59, 0.01
HSL	349°, 97%, 63%
HSV	349°, 72%, 99%
XYZ	44.8463, 26.1812, 15.5218
YIQ	128.7670, 97.6040, 48.3240

# Conversions

## Conversions Part 2

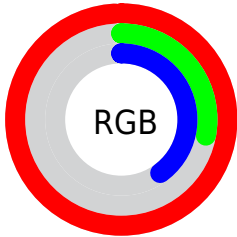
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 71, 103
Decimal	16533351
CIE <sub>Lab</sub>	58.21, 69.39, 23.47
CIE <sub>LCh</sub>	58, 73.250, 18.686
Yxy	26.1812, 0.5182, 0.3025
Android (android.graphics.Color)	4294723431 (0xFFFC4767)
YUV	128.7670, -12.7031, 108.0753
Hunter-Lab	51.1676, 66.9048, 17.8316

# Details

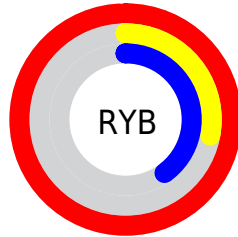
The YUV color **128.7670, -12.7031, 108.0753** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **194.2330, 12.7031, -108.0753**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6980, -8.2321, 73.9329**, and **62.7100, -2.8150, 109.8793** is the 20% darker color. If you saturate the color by 10%, you get **111.6980, -14.6411, 123.0449**, and if you desaturate by 10%, it is **145.8360, -10.7651, 93.1058**.

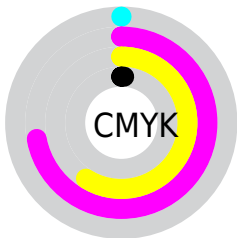
# Distribution



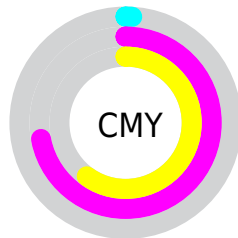
- Red (99%)
- Green (28%)
- Blue (40%)



- Red (99%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (72%)
- Yellow (59%)
- Black (1%)




- Cyan (1%)
- Magenta (72%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 128.7670, -12.7031, 108.0753 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 128.7670, -12.7031, 108.0753 by changing the saturation by 10% instead.





 128.7670,  
-12.7031, 108.0753


 128.7670,  
-12.7031, 108.0753


255.0000, 0.0000,  
0.0000


 94.7440, -7.7618,  
109.8495


 170.6980, -8.2321,  
73.9329


 62.7100, -2.8150,  
109.8793


 191.3860, -5.1203,  
55.7895

 51.0470, -7.4182,  
92.9208


 211.4870, -1.7191,  
38.1609

 39.3840, -12.0213,  
75.9622

 232.2890, 1.8295,  
19.9175

 28.5190, -13.5669,  
58.3038

 252.0650, 1.4470,  
2.5740

 20.0760, -8.4185,  
40.2753

 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,  
0.0000

■ 128.7670,  
-12.7031, 108.0753

■ 128.7670,  
-12.7031, 108.0753

■ 111.6980,  
-14.6411, 123.0449

■ 145.8360,  
-10.7651, 93.1058

■ 94.7430, -16.1423,  
137.9144

■ 162.7910, -9.2640,  
78.2363


■ 80.4780, -17.4907,  
150.4248


■ 180.4470, -7.6154,  
62.7520

■ 197.5160, -5.6774,  
47.7825

■ 214.5850, -3.7394,  
32.8130

 231.5400, -2.2382,  
17.9434

 248.6090, -0.3002,  
2.9739

 254.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



133.3610, 16.5840, 94.3994



128.7670, -12.7031, 108.0753



131.9700, -44.3552, 86.8493

# Triad

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



128.7670, -12.7031, 108.0753



111.7110, -32.3955, -62.8905



120.0550, 66.5279, -105.2882

# Complementary

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



128.7670, -12.7031, 108.0753



194.2330, 12.7031, -108.0753

# 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.



123.7590, 55.3348, -108.5366



128.7670, -12.7031, 108.0753



110.9110, 1.0299, -97.2689

# Square

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



128.7670, -12.7031, 108.0753



126.6320, -62.4296, 3.8307



119.6090, 29.2798, -104.8971



130.1640, 61.5441, -46.6248



# Rectangle

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



128.7670, -12.7031, 108.0753



131.1480, -64.6560, 64.7682



119.6090, 29.2798, -104.8971



122.4030, 65.3703, -107.3474

# Sweetspot

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



128.7670, -12.7031, 108.0753



216.8840, -3.8868, 33.4277



135.8860, 57.2442, 72.8910



104.8500, -2.3910, 20.3026



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.



128.7670, -12.7031, 108.0753



105.8130, -15.6838, 130.8370



158.5780, -43.1760, 81.9311



116.2290, -0.6059, 7.6922



60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016



# Inverse Universe

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



128.7670, -12.7031, 108.0753



105.8130, -15.6838, 130.8370



164.4220, 43.1760, -81.9311



116.2290, -0.6059, 7.6922



60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016



# Previews

## White Background



This preview shows how the YUV color 128.7670, -12.7031, 108.0753 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

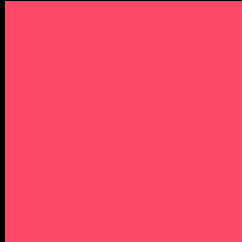
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.7670, -12.7031, 108.0753 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 × Fail

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

# YUV 128.7670, -12.7031, 108.0753 Background



This preview shows how black text looks on a background with the YUV color 128.7670, -12.7031, 108.0753.



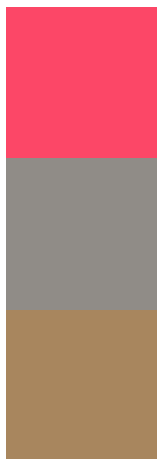
This preview shows how white text looks on a background with the YUV color 128.7670, -12.7031, 108.0753.



# 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

128.7670, -12.7031, 108.0753

### Protanopia

140.6260, -2.7736, 2.9590

### Deuteranopia

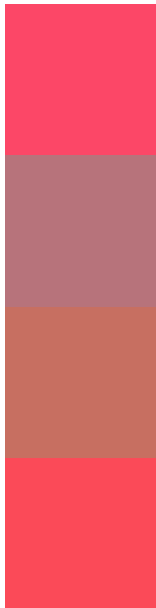
139.6060, -22.4838, 24.9015



## Tritanopia

128.6670, -24.4858, 107.2860

# Trichromacy



## Original Color

128.7670, -12.7031, 108.0753

## Protanomaly

136.2440, -6.5293, 41.0050

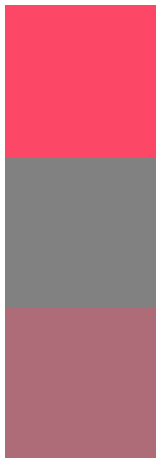
## Deuteranomaly

135.7160, -19.0870, 55.5001

## Tritanomaly

128.5190, -19.9759, 107.4158

# Monochromacy



## Original Color

128.7670, -12.7031, 108.0753

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1020, -4.4873, 39.3755

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.7670, -12.7031, 108.0753 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(252, 71, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 71, 103)  
}
```

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(252, 71, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 71, 103) }
```

## Border

The CSS property to change the border of an element to YUV 128.7670, -12.7031, 108.0753 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(252, 71, 103) }
```



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

```
.border{ border-color:rgb(252, 71, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 71, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 71, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 71, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 71,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 128.7670, -12.7031, 108.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 71, 103) }
```

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

```
.background{ background-color: rgb(252, 71,  
103) }
```

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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