

# Converting Colors

YUV(130.0590, -8.9031,  
102.5573)

Have a look what the booklet for  
YUV(130.0590, -8.9031, 102.5573)  
contains.

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# Color

**YUV(130.0590, -8.9031,  
102.5573)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F74A70
RGB	247, 74, 112
RGB Percent	97%, 29%, 44%
CMY	0.0314, 0.7098, 0.5608
CMYK	0.00, 0.70, 0.55, 0.03
HSL	347°, 92%, 63%
HSV	347°, 70%, 97%
XYZ	43.7312, 25.8416, 18.0123
YIQ	130.0590, 90.9100, 48.4940

# Conversions

## Conversions Part 2

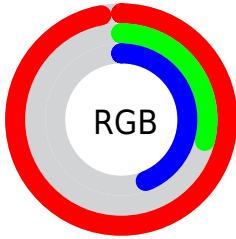
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 74, 112
Decimal	16206448
CIE <sub>Lab</sub>	57.89, 67.52, 17.60
CIE <sub>LCh</sub>	58, 69.780, 14.608
Yxy	25.8416, 0.4993, 0.2950
Android (android.graphics.Color)	4294396528 (0xFFFF74A70)
YUV	130.0590, -8.9031, 102.5573
Hunter-Lab	50.8346, 64.5966, 14.5759

# Details

The YUV color **130.0590, -8.9031, 102.5573** 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 **190.9410, 8.9031, -102.5573**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8980, -4.8797, 72.0035**, and **62.4260, 1.2690, 106.6204** is the 20% darker color. If you saturate the color by 10%, you get **113.2180, -9.9675, 117.3268**, and if you desaturate by 10%, it is **146.9000, -7.8387, 87.7877**.

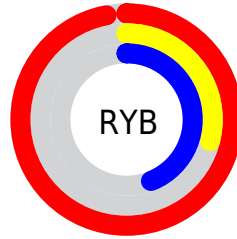
# Distribution



Red (97%)

Green (29%)

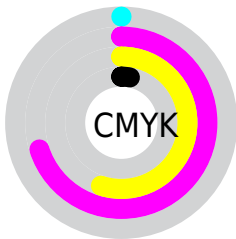
Blue (44%)



Red (97%)

Yellow (29%)

Blue (44%)

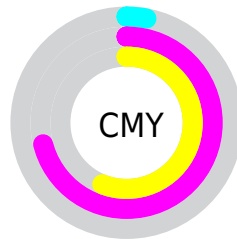


Cyan (0%)

Magenta (70%)

Yellow (55%)

Black (3%)



Cyan (3%)

Magenta (71%)

Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 130.0590, -8.9031, 102.5573 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 130.0590, -8.9031, 102.5573 by changing the saturation by 10% instead.




 130.0590, -8.9031,  
102.5573


 130.0590, -8.9031,  
102.5573


255.0000, 0.0000,  
0.0000


 97.7970, -4.8299,  
102.7870


 172.8980, -4.8797,  
72.0035


 62.4260, 1.2690,  
106.6204


 192.9990, -1.4785,  
54.3749

 50.6490, -3.7710,  
89.7618


 213.8010, 2.0701,  
36.1315

 39.3990, -8.0847,  
73.3181

 234.1300, 6.3449,  
18.3030

 27.9210, -13.2721,  
57.0743

 252.6520, 1.1576,  
2.0592

 19.4780, -8.1237,  
39.0458

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,  
0.0000

■ 130.0590, -8.9031,  
102.5573

■ 130.0590, -8.9031,  
102.5573

■ 113.2180, -9.9675,  
117.3268

■ 146.9000, -7.8387,  
87.7877

■ 96.8500, -11.7580,  
131.6816

■ 163.2680, -6.0481,  
73.4330

■ 80.0090, -12.8224,  
146.4511

■ 180.1090, -4.9837,  
58.6634

■ 196.9500, -3.9193,  
43.8939

■ 213.2040, -2.5656,  
29.6391

230.1590, -1.0644,  
14.7696

247.0000, 0.0000,  
0.0000

252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



136.0500, 18.2164, 84.1482



130.0590, -8.9031, 102.5573



132.2780, -38.0981, 86.5792

# Triad

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



130.0590, -8.9031, 102.5573



116.9690, -36.9597, -45.5768



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.



130.0590, -8.9031, 102.5573



190.9410, 8.9031, -102.5573

# 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.



121.8040, 50.3826, -106.8221



130.0590, -8.9031, 102.5573



108.7110, -2.3225, -95.3395

# Square

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



130.0590, -8.9031, 102.5573



126.6760, -62.4513, 10.8081



117.1810, 25.0538, -102.7677



124.7490, 64.2137, -62.9239



# Rectangle

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



130.0590, -8.9031, 102.5573



131.3530, -58.8410, 66.3424



117.1810, 25.0538, -102.7677



121.7190, 62.7495, -106.7476

# Sweetspot

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



130.0590, -8.9031, 102.5573



218.5140, -2.7184, 31.9982



133.4890, 55.9609, 64.4691



106.3660, -1.6594, 18.9730



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.



130.0590, -8.9031, 102.5573



110.3440, -11.0156, 126.8633



152.7290, -38.8134, 82.6757



113.9300, -0.4585, 7.0774



60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721



# Inverse Universe

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



130.0590, -8.9031, 102.5573



110.3440, -11.0156, 126.8633



168.2710, 38.8134, -82.6757



113.9300, -0.4585, 7.0774



60.2880, -9.5090, 110.2494



19.1230, -3.0186, 34.9721



# Previews

## White Background



This preview shows how the YUV color 130.0590, -8.9031, 102.5573 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

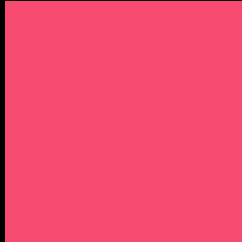
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 130.0590, -8.9031, 102.5573 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 130.0590, -8.9031, 102.5573

## Background



This preview shows how black text looks on a background with the YUV color 130.0590, -8.9031, 102.5573.



This preview shows how white text looks on a background with the YUV color 130.0590, -8.9031,



# 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

130.0590, -8.9031, 102.5573

### Protanopia

139.8690, 2.0366, 0.1149

### Deuteranopia

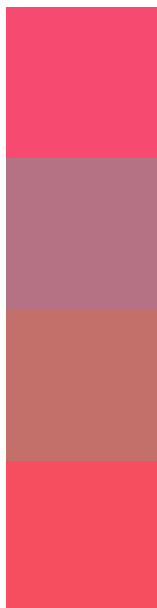
139.8490, -17.6736, 22.0574



## Tritanopia

130.0900, -22.7224, 101.6531

# Trichromacy



## Original Color

130.0590, -8.9031, 102.5573

## Protanomaly

136.0740, -2.0085, 37.6461

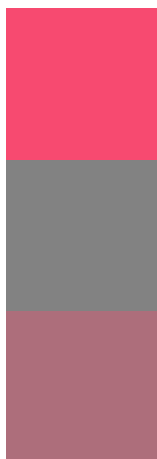
## Deuteranomaly

136.2470, -14.4188, 51.5264

## Tritanomaly

130.0560, -17.7756, 101.6829

# Monochromacy



## Original Color

130.0590, -8.9031, 102.5573

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.3190, -3.6083, 37.4312

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.0590, -8.9031, 102.5573 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(247, 74, 112)` looks like.

```
.text, #text, p{  
    color:rgb(247, 74, 112)  
}
```

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(247, 74, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 74, 112) }
```

## Border

The CSS property to change the border of an element to YUV 130.0590, -8.9031, 102.5573 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(247, 74, 112) }
```



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

```
.border{ border-color:rgb(247, 74, 112) }
```

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

Here you see how a box with a 4 pixel rgb(247, 74, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 74, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 74, 112);  
box-shadow:4px 4px 4px 4px rgb(247, 74,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 130.0590, -8.9031, 102.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 74, 112) }
```

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

```
.background{ background-color: rgb(247, 74,  
112) }
```

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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