

# Converting Colors

YUV(157.8930, -7.3422,  
68.4998)

Have a look what the booklet for  
YUV(157.8930, -7.3422, 68.4998)  
contains.

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# Color

**YUV(157.8930, -7.3422,  
68.4998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC798F
RGB	236, 121, 143
RGB Percent	93%, 47%, 56%
CMY	0.0745, 0.5255, 0.4392
CMYK	0.00, 0.49, 0.39, 0.07
HSL	349°, 75%, 70%
HSV	349°, 49%, 93%
XYZ	46.3874, 33.4908, 30.0061
YIQ	157.8930, 61.4780, 31.2220

# Conversions

## Conversions Part 2

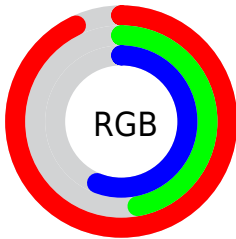
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">236, 121, 143</a>
Decimal	<a href="#">15497615</a>
CIELab	<a href="#">64.56, 46.44, 8.74</a>
CIElCh	<a href="#">65, 47.252, 10.659</a>
Yxy	<a href="#">33.4908, 0.4221, 0.3048</a>
Android (android.graphics.Color)	<a href="#">4293687695</a> ( <a href="#">0xFFEC798F</a> )
YUV	<a href="#">157.8930, -7.3422, 68.4998</a>
Hunter-Lab	<a href="#">57.8712, 41.8042, 9.7681</a>

# Details

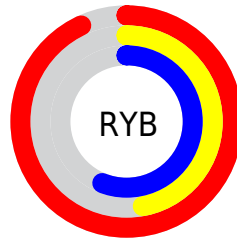
The YUV color **157.8930, -7.3422, 68.4998** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **199.1070, 7.3422, -68.4998**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0150, -2.4724, 46.4678**, and **103.4410, -5.1474, 64.5112** is the 20% darker color. If you saturate the color by 10%, you get **141.6390, -8.6960, 82.7546**, and if you desaturate by 10%, it is **174.1470, -5.9885, 54.2451**.

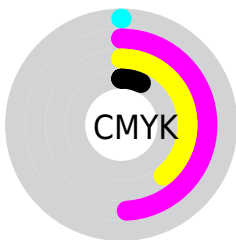
# Distribution



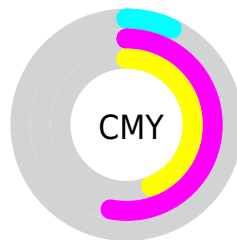
- Red (93%)
- Green (47%)
- Blue (56%)



- Red (93%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (49%)
- Yellow (39%)
- Black (7%)




- Cyan (7%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.8930, -7.3422, 68.4998 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 157.8930, -7.3422, 68.4998 by changing the saturation by 10% instead.





 157.8930, -7.3422,  
68.4998

 157.8930, -7.3422,  
68.4998


255.0000, 0.0000,  
0.0000


 130.1100, -6.4632,  
66.5555


 202.0150, -2.4724,  
46.4678


 103.4410, -5.1474,  
64.5112


 221.6430, 1.6550,  
29.2541

 76.1850, -3.5422,  
62.9818

 241.8580, 5.4930,  
11.5255

 44.4610, 1.2517,  
65.3707

 30.2870, -1.6205,  
53.2453

 19.4350, -9.5815,  
39.9605

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,  
0.0000

■ 157.8930, -7.3422,  
68.4998

■ 157.8930, -7.3422,  
68.4998

■ 141.6390, -8.6960,  
82.7546

■ 174.1470, -5.9885,  
54.2451

■ 125.9720,  
-10.3392, 96.4946

■ 189.8140, -4.3453,  
40.5051

■ 109.7180,  
-11.6930, 110.7493

■ 206.0680, -2.9915,  
26.2504

■ 94.0510, -13.3361,  
124.4893

■ 221.7350, -1.3484,  
12.5104

■ 77.7970, -14.6899,  
138.7440

■ 237.9890, 0.0054,  
-1.7444

■ 75.6940, -15.1321,  
140.5884

■ 249.3190, 2.8007,  
-11.6808

# Harmonies

## Analogous

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



160.3590, 12.6410, 52.3052



157.8930, -7.3422, 68.4998



156.0500, -25.6607, 63.9771

# Triad

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



157.8930, -7.3422, 68.4998



146.2290, -27.7209, -22.1258



126.1070, 54.1772, -110.5958

# Complementary

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



157.8930, -7.3422, 68.4998



199.1070, 7.3422, -68.4998

# 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.



127.2520, 40.7948, -111.6000



157.8930, -7.3422, 68.4998



134.8330, -3.8617, -68.2595

# Square

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



157.8930, -7.3422, 68.4998



151.2460, -40.0543, 13.8163



123.9800, 23.1809, -108.7305



152.6050, 42.5927, -34.7336



# Rectangle

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



157.8930, -7.3422, 68.4998



155.0410, -35.5162, 51.7070



123.9800, 23.1809, -108.7305



127.0700, 50.2515, -111.4404

# Sweetspot

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



157.8930, -7.3422, 68.4998



229.1600, -2.5439, 22.6617



161.6180, 36.6703, 45.0620



112.3330, -1.6432, 13.7400



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.



157.8930, -7.3422, 68.4998



154.4440, -9.5859, 88.1876



175.3430, -26.7911, 53.1962



109.5170, -0.7479, 6.5626



58.1090, -11.3927, 107.7754



17.2860, -3.5920, 32.1982



# Inverse Universe

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



157.8930, -7.3422, 68.4998



154.4440, -9.5859, 88.1876



181.0700, 27.0805, -52.6814



109.5170, -0.7479, 6.5626



58.1090, -11.3927, 107.7754



17.2860, -3.5920, 32.1982



# Previews

## White Background



This preview shows how the YUV color 157.8930, -7.3422, 68.4998 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

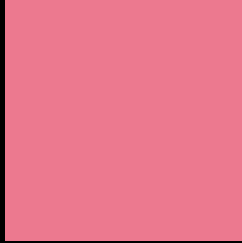
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.8930, -7.3422, 68.4998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

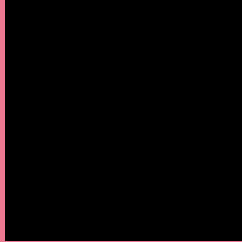
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 157.8930, -7.3422, 68.4998

## Background



This preview shows how black text looks on a background with the YUV color 157.8930, -7.3422, 68.4998.



This preview shows how white text looks on a background with the YUV color 157.8930, -7.3422,

68.4998.

# 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

157.8930, -7.3422, 68.4998

### Protanopia

157.2820, 2.3260, 0.6297

### Deuteranopia

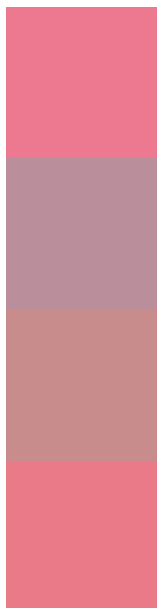
157.8900, -9.8058, 18.5135



## Tritanopia

157.5140, -12.5784, 67.9552

# Trichromacy



## Original Color

157.8930, -7.3422, 68.4998

## Protanomaly

157.2250, -1.0969, 25.2357

## Deuteranomaly

157.9400, -8.8444, 36.8866

## Tritanomaly

157.3830, -10.5418, 68.0701

# Monochromacy



## Original Color

157.8930, -7.3422, 68.4998

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

158.1710, -2.5493, 24.4060

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.8930, -7.3422, 68.4998 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(236, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 143)  
}
```

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(236, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 143) }
```

## Border

The CSS property to change the border of an element to YUV 157.8930, -7.3422, 68.4998 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(236, 121, 143) }
```



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

```
.border{ border-color:rgb(236, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 157.8930, -7.3422, 68.4998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 143) }
```

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

```
.background{ background-color: rgb(236,  
121, 143) }
```

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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