

# Converting Colors

YUV(173.4370, -9.0894,  
68.8998)

Have a look what the booklet for  
YUV(173.4370, -9.0894, 68.8998)  
contains.

<b>YUV(173.4370, -9.0894, 68.8998)</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(173.4370, -9.0894,  
68.8998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC899B
RGB	252, 137, 155
RGB Percent	99%, 54%, 61%
CMY	0.0118, 0.4627, 0.3922
CMYK	0.00, 0.46, 0.38, 0.01
HSL	351°, 95%, 76%
HSV	351°, 46%, 99%
XYZ	55.0069, 40.9533, 36.0159
YIQ	173.4370, 62.7620, 29.9780

# Conversions

## Conversions Part 2

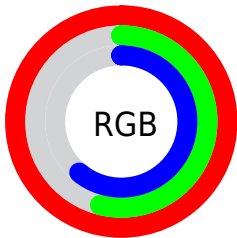
Format	Color
R <sub>Y</sub> B	252, 137, 155
Decimal	16550299
CIE Lab	70.14, 45.37, 10.21
CIE LCh	70, 46.501, 12.678
Yxy	40.9533, 0.4168, 0.3103
Android (android.graphics.Color)	4294740379 (0xFFFC899B)
YUV	173.4370, -9.0894, 68.8998
Hunter-Lab	63.9948, 41.4394, 11.4282

# Details

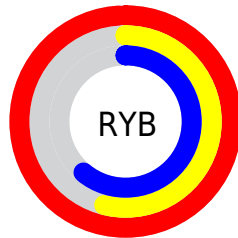
The YUV color  $173.4370, -9.0894, 68.8998$  is a light color, and the websafe version is hex  $FF9999$ . A complement of this color would be  $215.5630, 9.0894, -68.8998$ , and the grayscale version is  $173.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $212.7750, -1.8611, 37.0313$ , and  $118.5720, -7.1840, 64.3964$  is the 20% darker color. If you saturate the color by 10%, you get  $156.3680, -11.0274, 83.8693$ , and if you desaturate by 10%, it is  $190.5060, -7.1515, 53.9302$ .

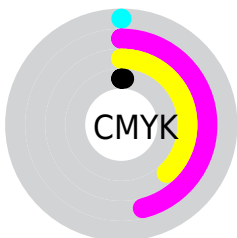
# Distribution



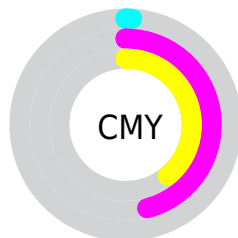
- Red (99%)
- Green (54%)
- Blue (61%)



- Red (99%)
- Yellow (54%)
- Blue (61%)



- Cyan (0%)
- Magenta (46%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (46%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.4370, -9.0894, 68.8998 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 173.4370, -9.0894, 68.8998 by changing the saturation by 10% instead.




 173.4370, -9.0894,  
68.8998


 173.4370, -9.0894,  
68.8998


255.0000, 0.0000,  
0.0000


 145.6540, -8.2104,  
66.9554


 212.7750, -1.8611,  
37.0313


 118.5720, -7.1840,  
64.3964


 233.1040, 2.4137,  
19.2028

 91.3160, -5.5788,  
62.8669

 252.0650, 1.4470,  
2.5740

 63.5870, -3.2474,  
61.7522

 35.7980, 0.0996,  
61.5672

 25.0320, -4.9458,  
46.4529

 16.3740, -7.0864,

32.9980

■ 2.3920, -1.1793,  
4.9182

■ 0.0000, 0.0000,  
0.0000

■ 173.4370, -9.0894,  
68.8998

■ 173.4370, -9.0894,  
68.8998

■ 156.3680,  
-11.0274, 83.8693

■ 190.5060, -7.1515,  
53.9302

■ 139.1850,  
-13.4022, 98.9388

■ 207.6890, -4.7767,  
38.8607

■ 121.5290,  
-15.0508, 114.4231

■ 225.3450, -3.1281,  
23.3764

■ 104.4600,  
-16.9888, 129.3926

■ 242.4140, -1.1901,  
8.4069

■ 87.3910, -18.9268,  
144.3621

254.1030, 0.4422,  
-1.8443

■ 79.7940, -20.1114,  
151.0247

# Harmonies

## Analogous

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



175.6150, 11.0358, 53.8346



173.4370, -9.0894, 68.8998



171.8820, -27.5498, 63.2475

# Triad

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



173.4370, -9.0894, 68.8998



160.5600, -26.4051, -24.1701



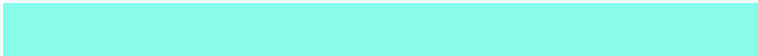
142.9120, 53.2874, -105.1628

# Complementary

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



173.4370, -9.0894, 68.8998



215.5630, 9.0894, -68.8998

# 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.



138.1090, 44.3163, -121.1216



173.4370, -9.0894, 68.8998



150.7620, -2.8407, -69.0743

# Square

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



173.4370, -9.0894, 68.8998



166.4630, -39.1753, 11.8719



134.8370, 26.7024, -118.2520



169.1110, 41.8503, -29.9153



# Rectangle

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



173.4370, -9.0894, 68.8998



170.2150, -36.0950, 50.6774



134.8370, 26.7024, -118.2520



137.2260, 53.6256, -120.3472

# Sweetspot

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



173.4370, -9.0894, 68.8998



230.4480, -2.6859, 21.5321



178.8140, 36.0807, 47.5211



112.9200, -1.9326, 13.2252



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.



173.4370, -9.0894, 68.8998



159.3680, -11.0274, 83.8693



193.6910, -27.9487, 51.1370



116.1150, -1.0427, 7.7921



59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016



# Inverse Universe

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



173.4370, -9.0894, 68.8998



159.3680, -11.0274, 83.8693



195.3090, 27.9487, -51.1370



116.1150, -1.0427, 7.7921



59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016



# Previews

## White Background



This preview shows how the YUV color 173.4370, -9.0894, 68.8998 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 173.4370, -9.0894, 68.8998 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 173.4370, -9.0894, 68.8998

## Background



This preview shows how black text looks on a background with the YUV color 173.4370, -9.0894, 68.8998.



This preview shows how white text looks on a background with the YUV color 173.4370, -9.0894,



# 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

173.4370, -9.0894, 68.8998

### Protanopia

172.2390, 0.8682, 1.5444

### Deuteranopia

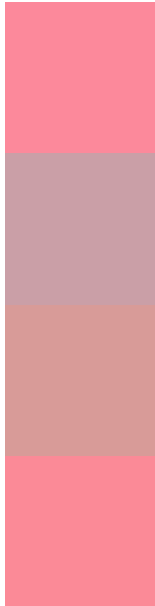
173.1460, -11.4110, 20.0430



## Tritanopia

172.9270, -12.2890, 68.4700

# Trichromacy



## Original Color

173.4370, -9.0894, 68.8998

## Protanomaly

172.7690, -2.8441, 25.6356

## Deuteranomaly

172.8970, -10.3022, 37.8013

## Tritanomaly

173.2690, -10.9786, 68.1701

# Monochromacy



## Original Color

173.4370, -9.0894, 68.8998

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

173.2420, -3.5703, 25.2208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.4370, -9.0894, 68.8998 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, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(252, 137, 155)  
}
```

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, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 137, 155) }
```

## Border

The CSS property to change the border of an element to YUV 173.4370, -9.0894, 68.8998 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, 137, 155) }
```



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

```
.border{ border-color:rgb(252, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 137, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 137, 155); box-shadow:4px 4px 4px 4px rgb(252, 137, 155) }
```

# Background

The CSS property to change the background color of an element to YUV 173.4370, -9.0894, 68.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 137, 155) }
```

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

```
.background{ background-color: rgb(252,  
137, 155) }
```

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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