

# Converting Colors

YUV(172.9380, -12.2944,  
70.2144)

Have a look what the booklet for  
YUV(172.9380, -12.2944, 70.2144)  
contains.

<b>YUV(172.9380, -12.2944, 70.2144)</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(172.9380, -12.2944,  
70.2144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD8994
RGB	253, 137, 148
RGB Percent	99%, 54%, 58%
CMY	0.0078, 0.4627, 0.4196
CMYK	0.00, 0.46, 0.42, 0.01
HSL	354°, 97%, 76%
HSV	354°, 46%, 99%
XYZ	54.7990, 40.9121, 33.0256
YIQ	172.9380, 65.6050, 28.0130

# Conversions

## Conversions Part 2

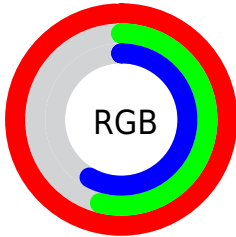
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">253, 137, 148</a>
Decimal	<a href="#">16615828</a>
<a href="#">CIELab</a>	<a href="#">70.11, 44.97, 14.10</a>
<a href="#">CIElCh</a>	<a href="#">70, 47.123, 17.404</a>
<a href="#">Yxy</a>	<a href="#">40.9121, 0.4257, 0.3178</a>
Android (android.graphics.Color)	<a href="#">4294805908</a> (0xFFFD8994)
<a href="#">YUV</a>	<a href="#">172.9380, -12.2944, 70.2144</a>
<a href="#">Hunter-Lab</a>	<a href="#">63.9626, 40.9927, 14.1608</a>

# Details

The YUV color **172.9380, -12.2944, 70.2144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.0620, 12.2944, -70.2144**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9770, -4.9187, 37.7312**, and **118.1870, -9.9522, 65.6110** is the 20% darker color. If you saturate the color by 10%, you get **155.6410, -15.1060, 85.3838**, and if you desaturate by 10%, it is **190.2350, -9.4829, 55.0449**.

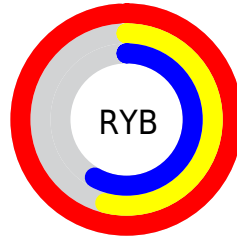
# Distribution



Red (99%)

Green (54%)

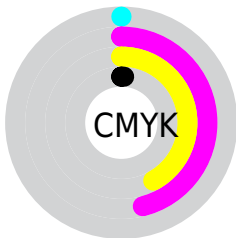
Blue (58%)



Red (99%)

Yellow (54%)

Blue (58%)

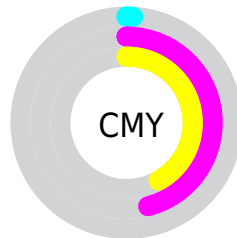


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (1%)



Cyan (1%)

Magenta (46%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.9380, -12.2944, 70.2144 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 172.9380, -12.2944, 70.2144 by changing the saturation by 10% instead.



172.9380,  
-12.2944, 70.2144

172.9380,  
-12.2944, 70.2144

255.0000, 0.0000,  
0.0000

145.1550,  
-11.4154, 68.2701

211.9770, -4.9187,  
37.7312

118.1870, -9.9522,  
65.6110

232.1920, -1.0807,  
20.0026

91.5180, -8.6364,  
63.5667

252.0650, 1.4470,  
2.5740

63.7890, -6.3050,  
62.4520

35.2280, -2.0844,  
62.0670

24.3050, -9.0244,  
47.9675

16.3740, -7.0864,

32.9980

■ 1.7940, -0.8844,  
3.6887

■ 0.0000, 0.0000,  
0.0000

■ 172.9380,  
-12.2944, 70.2144

■ 172.9380,  
-12.2944, 70.2144

■ 155.6410,  
-15.1060, 85.3838

■ 190.2350, -9.4829,  
55.0449

■ 137.7570,  
-17.6282, 101.0681

■ 208.1190, -6.9607,  
39.3606

■ 120.4600,  
-20.4398, 116.2376

■ 225.4160, -4.1491,  
24.1912

■ 103.1630,  
-23.2514, 131.4070

■ 242.7130, -1.3375,  
9.0217

■ 85.2790, -25.7735, 254.4020, 0.2948,  
147.0913 -1.2296

■ 78.3830, -26.8108,  
153.1391

# Harmonies

## Analogous

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



175.1380, 7.8200, 58.6380



172.9380, -12.2944, 70.2144



171.1870, -30.1652, 62.1030

# Triad

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



172.9380, -12.2944, 70.2144



159.6130, -23.4732, -31.2326



149.8540, 51.3440, -88.4490

# Complementary

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



172.9380, -12.2944, 70.2144



217.0620, 12.2944, -70.2144

# 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.



138.0920, 46.7896, -121.1067



172.9380, -12.2944, 70.2144



146.6620, 2.1386, -79.5106

# Square

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



172.9380, -12.2944, 70.2144



165.5440, -38.7222, 6.5389



135.6350, 29.7599, -118.9519



170.5250, 40.6602, -21.5084



# Rectangle

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



172.9380, -12.2944, 70.2144



169.6230, -38.2681, 47.6886



135.6350, 29.7599, -118.9519



137.0950, 55.6622, -120.2323

# Sweetspot

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



172.9380, -12.2944, 70.2144



230.2200, -3.5595, 21.7321



181.3200, 35.3382, 52.3394



112.8060, -2.3694, 13.3251



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.



172.9380, -12.2944, 70.2144



158.3420, -14.9586, 84.7691



198.6860, -30.4112, 47.6334



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459



# Inverse Universe

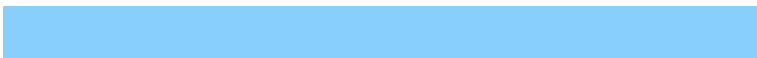
The Inverse Universe completely reimagines the original color for something new.



172.9380, -12.2944, 70.2144



158.3420, -14.9586, 84.7691



191.3140, 30.4112, -47.6334



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459



# Previews

## White Background



This preview shows how the YUV color 172.9380, -12.2944, 70.2144 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 172.9380, -12.2944, 70.2144 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 172.9380, -12.2944, 70.2144 Background



This preview shows how black text looks on a background with the YUV color 172.9380, -12.2944, 70.2144.



This preview shows how white text looks on a background with the YUV color 172.9380, -12.2944, 70.2144.



# 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

172.9380, -12.2944, 70.2144

### Protanopia

171.9250, -2.9210, 3.5738

### Deuteranopia

172.3590, -14.4740, 22.4872



## Tritanopia

172.8240, -12.7312, 70.3144

# Trichromacy



## Original Color

172.9380, -12.2944, 70.2144

## Protanomaly

172.4550, -6.6333, 27.6650

## Deuteranomaly

172.6970, -13.6546, 39.7307

## Tritanomaly

172.8240, -12.7312, 70.3144

# Monochromacy



## Original Color

172.9380, -12.2944, 70.2144

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

173.0140, -4.4439, 25.4207

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.9380, -12.2944, 70.2144 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(253, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(253, 137, 148)  
}
```

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(253, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 137, 148) }
```

## Border

The CSS property to change the border of an element to YUV 172.9380, -12.2944, 70.2144 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".

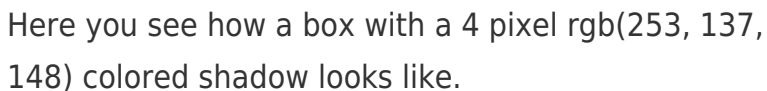
```
.border, #border, table{ border:4px solid rgb(253, 137, 148) }
```



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

```
.border{ border-color:rgb(253, 137, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 137, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 137, 148); box-shadow:4px 4px 4px 4px rgb(253, 137, 148) }
```

# Background

The CSS property to change the background color of an element to YUV 172.9380, -12.2944, 70.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 137, 148) }
```

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

```
.background{ background-color: rgb(253,  
137, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor