

# Converting Colors

YUV(170.0820, -20.7464,  
74.4731)

Have a look what the booklet for  
YUV(170.0820, -20.7464, 74.4731)  
contains.

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# Color

**YUV(170.0820, -20.7464,  
74.4731)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF8780
RGB	255, 135, 128
RGB Percent	100%, 53%, 50%
CMY	0.0000, 0.4706, 0.4980
CMYK	0.00, 0.47, 0.50, 0.00
HSL	3°, 100%, 75%
HSV	3°, 50%, 100%
XYZ	53.8003, 40.1465, 25.3355
YIQ	170.0820, 73.7670, 23.2630

# Conversions

## Conversions Part 2

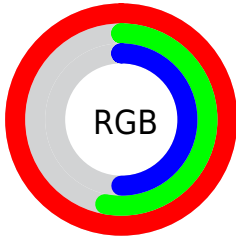
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 135, 128
Decimal	16746368
CIE <sub>Lab</sub>	69.57, 44.75, 24.53
CIE <sub>LCh</sub>	70, 51.033, 28.726
Yxy	40.1465, 0.4510, 0.3366
Android (android.graphics.Color)	4294936448 (0xFFFF8780)
YUV	170.0820, -20.7464, 74.4731
Hunter-Lab	63.3612, 40.6828, 20.6452

# Details

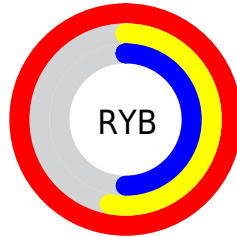
The YUV color **170.0820, -20.7464, 74.4731** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.9180, 20.7464, -74.4731**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4090, -13.5126, 40.8603**, and **115.1460, -17.8200, 69.1550** is the 20% darker color. If you saturate the color by 10%, you get **153.1440, -24.7210, 89.3277**, and if you desaturate by 10%, it is **187.1340, -16.3351, 59.5185**.

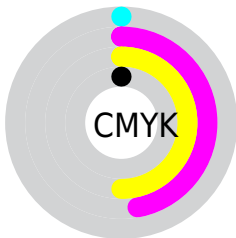
# Distribution



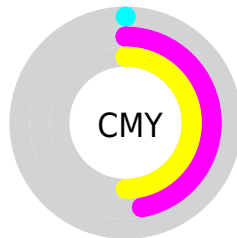
- Red (100%)
- Green (53%)
- Blue (50%)



- Red (100%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 170.0820, -20.7464, 74.4731 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 170.0820, -20.7464, 74.4731 by changing the saturation by 10% instead.



170.0820,  
-20.7464, 74.4731

170.0820,  
-20.7464, 74.4731

255.0000, 0.0000,  
0.0000

142.1140,  
-19.2832, 71.8140

208.4090,  
-13.5126, 40.8603

115.1460,  
-17.8200, 69.1550

228.5100,  
-10.1114, 23.2317

88.2920, -15.9200,  
66.3959

248.8390, -5.8366,  
5.4032

60.0900, -12.8624,  
65.6961

33.2900, -9.5100,  
63.7667

23.3220, -11.4977,  
47.9526

15.7760, -6.7916,

31.7684

■ 0.0000, 0.0000,  
0.0000

■ 170.0820,  
-20.7464, 74.4731

■ 170.0820,  
-20.7464, 74.4731

■ 153.1440,  
-24.7210, 89.3277

■ 187.1340,  
-16.3351, 59.5185

■ 136.0920,  
-29.1324, 104.2823

■ 204.0720,  
-12.3605, 44.6639

■ 119.0400,  
-33.5437, 119.2369

■ 221.1240, -7.9491,  
29.7093

■ 102.1020,  
-37.5183, 134.0915

■ 238.0620, -3.9746,  
14.8546

■ 85.0500, -41.9296,  
149.0462

255.0000, 0.0000,  
0.0000

■ 84.4630, -41.6403,  
149.5609

# Harmonies

## Analogous

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



172.3800, 0.7987, 70.7037



170.0820, -20.7464, 74.4731



168.6890, -38.3007, 58.1547

# Triad

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



170.0820, -20.7464, 74.4731



152.4300, -15.9880, -52.1201



155.1170, 49.2423, -67.6316

# Complementary

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



170.0820, -20.7464, 74.4731



212.9180, 20.7464, -74.4731

# 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.



138.0410, 54.2098, -121.0620



170.0820, -20.7464, 74.4731



132.2150, 16.6560, -115.9526

# Square

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



170.0820, -20.7464, 74.4731



160.7980, -37.3684, -7.7158



137.5730, 37.1855, -120.6515



172.7770, 38.5639, -2.4354



# Rectangle

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



170.0820, -20.7464, 74.4731



166.6730, -44.2088, 39.7518



137.5730, 37.1855, -120.6515



134.7300, 59.2931, -118.1582

# Sweetspot

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



170.0820, -20.7464, 74.4731



229.5360, -6.1802, 22.3319



179.7670, 34.1319, 65.9793



112.4640, -3.6798, 13.6251



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.



170.0820, -20.7464, 74.4731



152.4430, -24.8684, 89.9425



207.0630, -38.9781, 42.0407



118.8870, -1.9163, 7.9921



63.5660, -31.3380, 111.7596



21.4840, -10.5916, 37.2865



# Inverse Universe

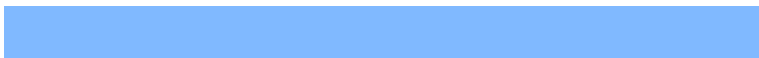
The Inverse Universe completely reimagines the original color for something new.



212.9180, 20.7464, -74.4731



204.5570, 24.8684, -89.9425



175.9370, 38.9781, -42.0407



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744



42.5160, 10.5916, -37.2865



# Previews

## White Background



This preview shows how the YUV color 170.0820, -20.7464, 74.4731 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 170.0820, -20.7464, 74.4731 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 170.0820, -20.7464, 74.4731 Background



This preview shows how black text looks on a background with the YUV color 170.0820, -20.7464, 74.4731.



This preview shows how white text looks on a background with the YUV color 170.0820, -20.7464,



# 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

170.0820, -20.7464, 74.4731

### Protanopia

169.7270, -12.6834, 8.1324

### Deuteranopia

170.1010, -23.2208, 27.9754



## Tritanopia

170.6180, -13.6157, 74.0030

# Trichromacy



## Original Color

170.0820, -20.7464, 74.4731

## Protanomaly

169.7840, -15.6695, 32.6384

## Deuteranomaly

170.1400, -22.2540, 44.6042

## Tritanomaly

170.6350, -16.0891, 73.9881

# Monochromacy



## Original Color

170.0820, -20.7464, 74.4731

## Achromatopsia

170.0000, 0.0000, 0.0000

## Achromatomaly

169.9280, -7.3595, 27.2501

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.0820, -20.7464, 74.4731 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(255, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 128)  
}
```

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(255, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 128) }
```

## Border

The CSS property to change the border of an element to YUV 170.0820, -20.7464, 74.4731 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(255, 135, 128) }
```



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

```
.border{ border-color:rgb(255, 135, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 170.0820, -20.7464, 74.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 128) }
```

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

```
.background{ background-color: rgb(255,  
135, 128) }
```

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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