

# Converting Colors

YUV(157.9200, -21.6526,  
85.1392)

Have a look what the booklet for  
YUV(157.9200, -21.6526, 85.1392)  
contains.

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# Color

**YUV(157.9200, -21.6526,  
85.1392)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7572
RGB	255, 117, 114
RGB Percent	100%, 46%, 45%
CMY	0.0000, 0.5412, 0.5529
CMYK	0.00, 0.54, 0.55, 0.00
HSL	1°, 100%, 72%
HSV	1°, 55%, 100%
XYZ	50.6386, 35.1975, 20.0444
YIQ	157.9200, 83.2110, 28.3230

# Conversions

## Conversions Part 2

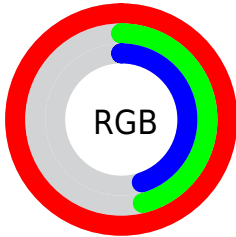
Format	Color
R <sub>Y</sub> B	255, 117, 114
Decimal	16741746
CIE Lab	65.90, 52.31, 27.44
CIE LCh	66, 59.070, 27.677
Yxy	35.1975, 0.4783, 0.3324
Android (android.graphics.Color)	4294931826 (0xFFFF7572)
YUV	157.9200, -21.6526, 85.1392
Hunter-Lab	59.3275, 48.5344, 21.4975

# Details

The YUV color **157.9200, -21.6526, 85.1392** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **211.0800, 21.6526, -85.1392**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1330, -14.8556, 51.6264**, and **101.6250, -17.5631, 80.1359** is the 20% darker color. If you saturate the color by 10%, you get **140.3950, -25.3377, 100.5086**, and if you desaturate by 10%, it is **175.5590, -17.5306, 69.6698**.

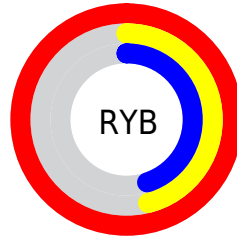
# Distribution



Red (100%)

Green (46%)

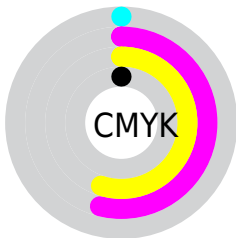
Blue (45%)



Red (100%)

Yellow (46%)

Blue (45%)

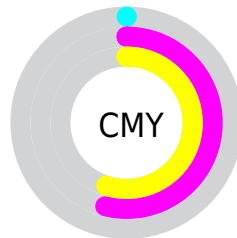


Cyan (0%)

Magenta (54%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.9200, -21.6526, 85.1392 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 157.9200, -21.6526, 85.1392 by changing the saturation by 10% instead.



157.9200,  
-21.6526, 85.1392

157.9200,  
-21.6526, 85.1392

255.0000, 0.0000,  
0.0000

129.9520,  
-20.1893, 82.4801

196.1330,  
-14.8556, 51.6264

101.6250,  
-17.5631, 80.1359

216.2340,  
-11.4544, 33.9978

72.5370, -14.0687,  
79.3361

236.4490, -7.6164,  
16.2692

42.3890, -9.5588,  
79.4658

254.4300, -2.1840,  
0.4999

30.7970, -15.1829,  
63.3220

22.1260, -10.9081,  
45.4935

13.9820, -5.9071,

28.0798

■ 0.0000, 0.0000,  
0.0000

■ 157.9200,  
-21.6526, 85.1392

■ 157.9200,  
-21.6526, 85.1392

■ 140.3950,  
-25.3377, 100.5086

■ 175.5590,  
-17.5306, 69.6698

■ 122.7560,  
-29.4597, 115.9780

■ 193.0840,  
-13.8454, 54.3003

■ 105.1170,  
-33.5817, 131.4474

■ 210.7230, -9.7234,  
38.8309

■ 87.5920, -37.2669,  
146.8168

■ 228.2480, -6.0383,  
23.4615

■ 79.1800, -39.0357,  
154.1941

■ 245.8870, -1.9163,  
7.9921

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



160.4290, 3.2395, 81.1848



157.9200, -21.6526, 85.1392



157.1800, -42.9797, 65.6171

# Triad

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



157.9200, -21.6526, 85.1392



137.7940, -18.1394, -62.0863



127.0990, 63.0552, -111.4658

# Complementary

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



157.9200, -21.6526, 85.1392



211.0800, 21.6526, -85.1392

# 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.



134.0460, 56.6723, -117.5583



157.9200, -21.6526, 85.1392



126.7380, 13.4402, -111.1492

# Square

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



157.9200, -21.6526, 85.1392



149.5500, -44.6412, -8.3754



132.3070, 37.3166, -116.0332



161.8780, 45.4161, -6.9090



# Rectangle

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



157.9200, -21.6526, 85.1392



155.7570, -51.6452, 44.9401



132.3070, 37.3166, -116.0332



130.0340, 61.6082, -114.0398

# Sweetspot

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



157.9200, -21.6526, 85.1392



225.4440, -6.6279, 25.9206



172.0050, 39.9305, 72.7866



110.3610, -4.1220, 15.4694



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.



157.9200, -21.6526, 85.1392



138.9930, -25.6325, 101.7381



199.0100, -41.9099, 49.1032



118.8870, -1.9163, 7.9921



59.4570, -29.3123, 115.3632



19.7230, -9.7234, 38.8309



# Inverse Universe

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



211.0800, 21.6526, -85.1392



202.4200, 25.9219, -101.2233



169.9900, 41.9099, -49.1032



123.5260, 2.2057, -7.4773



131.5430, 29.3123, -115.3632



43.6900, 10.0128, -38.3161



# Previews

## White Background



This preview shows how the YUV color 157.9200, -21.6526, 85.1392 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

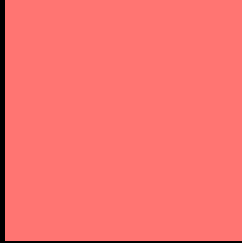
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.9200, -21.6526, 85.1392 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 157.9200, -21.6526, 85.1392

## Background



This preview shows how black text looks on a background with the YUV color 157.9200, -21.6526, 85.1392.



This preview shows how white text looks on a background with the YUV color 157.9200, -21.6526, 85.1392.



# 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

157.9200, -21.6526, 85.1392

### Protanopia

159.6130, -13.1202, 8.2324

### Deuteranopia

160.1180, -25.6942, 27.9605



## Tritanopia

158.4730, -16.9952, 84.6542

# Trichromacy



## Original Color

157.9200, -21.6526, 85.1392

## Protanomaly

158.6920, -16.1172, 36.2271

## Deuteranomaly

159.5920, -24.4489, 48.5928

## Tritanomaly

158.0170, -18.7424, 85.0541

# Monochromacy



## Original Color

157.9200, -21.6526, 85.1392

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

157.8360, -7.8071, 30.8388

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.9200, -21.6526, 85.1392 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, 117, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 114)  
}
```

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, 117, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 114) }
```

## Border

The CSS property to change the border of an element to YUV 157.9200, -21.6526, 85.1392 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, 117, 114) }
```



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

```
.border{ border-color:rgb(255, 117, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
114) }
```

# Background

The CSS property to change the background color of an element to YUV 157.9200, -21.6526, 85.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 114) }
```

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

```
.background{ background-color: rgb(255,  
117, 114) }
```

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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