

Converting Colors

YUV(158.2450, -17.8688,
84.8541)

Have a look what the booklet for
YUV(158.2450, -17.8688, 84.8541)
contains.

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Color

**YUV(158.2450, -17.8688,
84.8541)**

Conversions

Conversions Part 1

Format	Color
Hex	FF747A
RGB	255, 116, 122
RGB Percent	100%, 45%, 48%
CMY	0.0000, 0.5451, 0.5216
CMYK	0.00, 0.55, 0.52, 0.00
HSL	357°, 100%, 73%
HSV	357°, 55%, 100%
XYZ	50.9982, 35.1559, 22.5102
YIQ	158.2450, 80.9180, 31.3340

Conversions

Conversions Part 2

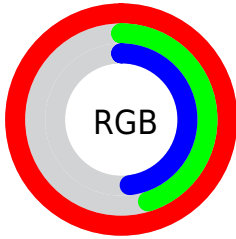
Format	Color
R_{YB}	255, 116, 122
Decimal	16741498
CIE _{Lab}	65.87, 53.41, 22.90
CIE _{LCh}	66, 58.109, 23.204
Yxy	35.1559, 0.4693, 0.3235
Android (android.graphics.Color)	4294931578 (0xFFFF747A)
YUV	158.2450, -17.8688, 84.8541
Hunter-Lab	59.2924, 49.7686, 18.9954

Details

The YUV color **158.2450, -17.8688, 84.8541** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **212.7550, 17.8688, -84.8541**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0450, -11.3612, 50.8265**, and **101.8360, -14.2161, 79.9508** is the 20% darker color. If you saturate the color by 10%, you get **140.2470, -20.8278, 100.6384**, and if you desaturate by 10%, it is **176.2430, -14.9098, 69.0699**.

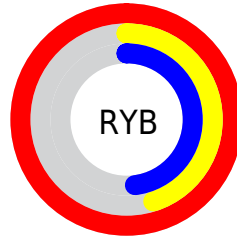
Distribution



Red (100%)

Green (45%)

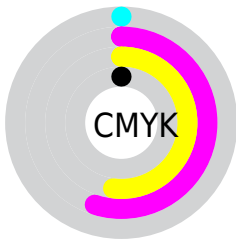
Blue (48%)



Red (100%)

Yellow (45%)

Blue (48%)

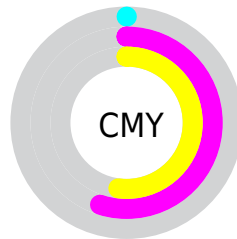


Cyan (0%)

Magenta (55%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2450, -17.8688, 84.8541 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 158.2450, -17.8688, 84.8541 by changing the saturation by 10% instead.

158.2450,
-17.8688, 84.8541

158.2450,
-17.8688, 84.8541

255.0000, 0.0000,
0.0000

130.2770,
-16.4056, 82.1951

197.0450,
-11.3612, 50.8265

101.8360,
-14.2161, 79.9508

216.6730, -7.2338,
33.6128

72.1610, -10.4324,
79.6658

236.8880, -3.3958,
15.8842

43.1870, -6.5012,
78.7660

31.8940, -12.2727,
63.2370

22.1260, -10.9081,
45.4935

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 158.2450,
-17.8688, 84.8541

■ 158.2450,
-17.8688, 84.8541

■ 140.2470,
-20.8278, 100.6384

■ 176.2430,
-14.9098, 69.0699

■ 122.7220,
-24.5129, 116.0078

■ 193.7680,
-11.2246, 53.7005

■ 104.7240,
-27.4719, 131.7921

■ 211.7660, -8.2656,
37.9162

■ 87.1990, -31.1571,
147.1615

■ 229.2910, -4.5805,
22.5468

■ 77.4990, -32.7840,
155.6684

■ 246.7020, -1.3321,
7.2773

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.



161.2050, 6.3079, 76.9962



158.2450, -17.8688, 84.8541



157.4130, -39.6436, 68.9208

Triad

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



158.2450, -17.8688, 84.8541



141.3070, -22.8294, -51.1352



128.2730, 62.4764, -112.4954

Complementary

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



158.2450, -17.8688, 84.8541



212.7550, 17.8688, -84.8541

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.



133.9490, 53.7621, -117.4733



158.2450, -17.8688, 84.8541



125.2390, 10.2352, -109.8346

Square

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



158.2450, -17.8688, 84.8541



150.2520, -45.9732, -1.0980



131.3950, 33.8223, -115.2334



159.8660, 46.9011, -16.5455

Rectangle

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



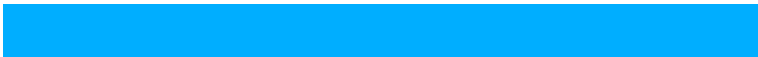
158.2450, -17.8688, 84.8541



156.3600, -49.4775, 49.6733



131.3950, 33.8223, -115.2334



131.2080, 61.0295, -115.0694

Sweetspot

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



158.2450, -17.8688, 84.8541



226.4870, -5.1701, 25.0059



171.3140, 41.2572, 67.2536



110.5890, -3.2484, 15.2694



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.



158.2450, -17.8688, 84.8541



139.4320, -21.4120, 101.3531



194.5420, -38.7212, 53.0217



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Inverse Universe

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



158.2450, -17.8688, 84.8541



139.4320, -21.4120, 101.3531



176.4580, 38.7212, -53.0217



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 158.2450, -17.8688, 84.8541 looks on a white background.

Color Contrast Check

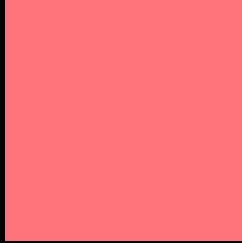
Large Text (above 18pt) WCAG AA × Fail

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 158.2450, -17.8688, 84.8541 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 158.2450, -17.8688, 84.8541 Background



This preview shows how black text looks on a background with the YUV color 158.2450, -17.8688, 84.8541.



This preview shows how white text looks on a background with the YUV color 158.2450, -17.8688, 84.8541.

84.8541.

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

158.2450, -17.8688, 84.8541

Protanopia

160.1550, -8.4574, 6.0031

Deuteranopia

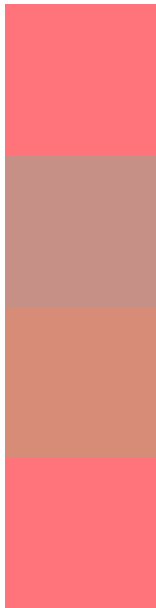
160.4320, -21.9050, 25.9311



Tritanopia

158.4730, -16.9952, 84.6542

Trichromacy



Original Color

158.2450, -17.8688, 84.8541

Protanomaly

159.4190, -12.0386, 34.7125

Deuteranomaly

159.6180, -20.5177, 47.6930

Tritanomaly

158.3590, -17.4320, 84.7542

Monochromacy



Original Color

158.2450, -17.8688, 84.8541

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1780, -6.4968, 30.5389

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2450, -17.8688, 84.8541 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, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 122)  
}
```

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, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 122) }
```

Border

The CSS property to change the border of an element to YUV 158.2450, -17.8688, 84.8541 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, 116, 122) }
```


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

```
.border{ border-color:rgb(255, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 158.2450, -17.8688, 84.8541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 122) }
```

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

```
.background{ background-color: rgb(255,  
116, 122) }
```

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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