

Converting Colors

YUV(158.1820, -25.7257,
84.9094)

Have a look what the booklet for
YUV(158.1820, -25.7257, 84.9094)
contains.

YUV(158.1820, -25.7257, 84.9094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(158.1820, -25.7257,
84.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	FF776A
RGB	255, 119, 106
RGB Percent	100%, 47%, 42%
CMY	0.0000, 0.5333, 0.5843
CMYK	0.00, 0.53, 0.58, 0.00
HSL	5°, 100%, 71%
HSV	5°, 58%, 100%
XYZ	50.4383, 35.4943, 17.8284
YIQ	158.1820, 85.2290, 24.7890

Conversions

Conversions Part 2

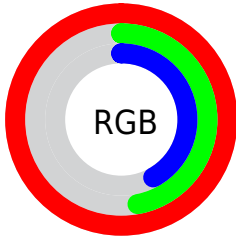
Format	Color
R _Y B	255, 120, 106
Decimal	16742250
CIE Lab	66.13, 50.79, 32.19
CIE LCh	66, 60.130, 32.368
Yxy	35.4943, 0.4861, 0.3421
Android (android.graphics.Color)	4294932330 (0xFFFF776A)
YUV	158.1820, -25.7257, 84.9094
Hunter-Lab	59.5771, 46.8595, 23.9615

Details

The YUV color **158.1820, -25.7257, 84.9094** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **202.8180, 25.7257, -84.9094**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3950, -18.9287, 51.3966**, and **102.4740, -21.9257, 79.3913** is the 20% darker color. If you saturate the color by 10%, you get **141.8310, -29.9897, 99.2492**, and if you desaturate by 10%, it is **174.6470, -21.0250, 70.4696**.

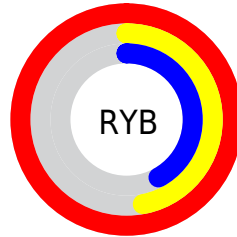
Distribution



Red (100%)

Green (47%)

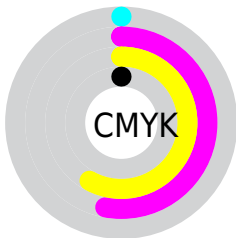
Blue (42%)



Red (100%)

Yellow (47%)

Blue (42%)

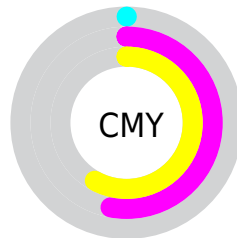


Cyan (0%)

Magenta (53%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1820, -25.7257, 84.9094 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 158.1820, -25.7257, 84.9094 by changing the saturation by 10% instead.

158.1820,
-25.7257, 84.9094

158.1820,
-25.7257, 84.9094

255.0000, 0.0000,
0.0000

130.3280,
-23.8257, 82.1503

196.3950,
-18.9287, 51.3966

102.4740,
-21.9257, 79.3913

216.3820,
-15.9643, 33.8680

73.6740, -18.5733,
77.4619

236.5970,
-12.1263, 16.1394

41.2920, -12.4690,
79.5509

253.4040, -6.1152,
1.3997

30.7970, -15.1829,
63.3220

21.8270, -10.7607,
44.8787

13.9820, -5.9071,

28.0798

■ 0.0000, 0.0000,
0.0000

■ 158.1820,
-25.7257, 84.9094

■ 158.1820,
-25.7257, 84.9094

■ 141.8310,
-29.9897, 99.2492

■ 174.6470,
-21.0250, 70.4696

■ 124.7790,
-34.4010, 114.2038

■ 191.5850,
-17.0504, 55.6150

■ 108.4280,
-38.6650, 128.5436

■ 208.0500,
-12.3496, 41.1752

■ 91.9630, -43.3658,
142.9834

■ 224.4010, -8.0857,
26.8353

■ 89.1590, -43.9554,
145.4426

■ 240.8660, -3.3849,
12.3955

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.



159.5280, -0.2603, 83.7289



158.1820, -25.7257, 84.9094



157.2460, -46.4633, 62.9283

Triad

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



158.1820, -25.7257, 84.9094



132.8890, -12.2703, -77.9557



135.4930, 58.9170, -90.7634

Complementary

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



158.1820, -25.7257, 84.9094



202.8180, 25.7257, -84.9094

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.



134.1430, 59.5825, -117.6434



158.1820, -25.7257, 84.9094



128.3510, 17.0820, -112.5638

Square

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



158.1820, -25.7257, 84.9094



148.1900, -41.9987, -15.9526



133.9200, 40.9584, -117.4478



164.0750, 43.3470, 3.4422

Rectangle

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



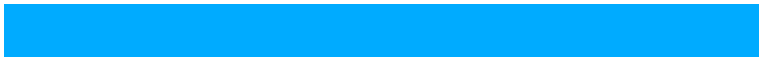
158.1820, -25.7257, 84.9094



155.1540, -53.8129, 40.2069



133.9200, 40.9584, -117.4478



129.4470, 61.8976, -113.5250

Sweetspot

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



158.1820, -25.7257, 84.9094



225.1020, -7.9383, 26.2205



166.1690, 37.8777, 77.9048



109.4320, -5.1430, 16.2841



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.



158.1820, -25.7257, 84.9094



139.0270, -30.5793, 101.7083



201.6200, -47.1407, 46.8143



119.4740, -2.2057, 7.4773



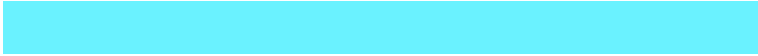
67.0880, -33.0744, 108.6708



22.6580, -11.1704, 36.2569

Inverse Universe

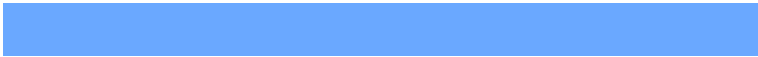
The Inverse Universe completely reimagines the original color for something new.



202.8180, 25.7257, -84.9094



192.3860, 30.8687, -101.1935



159.3800, 47.1407, -46.8143



122.9390, 2.4951, -6.9625



124.4990, 32.7850, -109.1856



41.3420, 11.1704, -36.2569

Previews

White Background



This preview shows how the YUV color 158.1820, -25.7257, 84.9094 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 158.1820, -25.7257, 84.9094 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 158.1820, -25.7257, 84.9094

Background



This preview shows how black text looks on a background with the YUV color 158.1820, -25.7257, 84.9094.



This preview shows how white text looks on a background with the YUV color 158.1820, -25.7257, 84.9094.

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

158.1820, -25.7257, 84.9094

Protanopia

160.0710, -17.7830, 10.4617

Deuteranopia

160.1030, -29.6308, 30.6047



Tritanopia

159.1740, -16.8478, 84.0394

Trichromacy



Original Color

158.1820, -25.7257, 84.9094

Protanomaly

159.4380, -20.9219, 37.3269

Deuteranomaly

159.2780, -28.2381, 50.6222

Tritanomaly

158.9630, -20.1948, 84.2244

Monochromacy



Original Color

158.1820, -25.7257, 84.9094

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0810, -9.4069, 30.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1820, -25.7257, 84.9094 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, 119, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 106)  
}
```

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, 119, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 106) }
```

Border

The CSS property to change the border of an element to YUV 158.1820, -25.7257, 84.9094 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, 119, 106) }
```


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

```
.border{ border-color:rgb(255, 119, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 158.1820, -25.7257, 84.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 106) }
```

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

```
.background{ background-color: rgb(255,  
119, 106) }
```

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