

# Converting Colors

YUV(154.4750, -23.4052,  
87.2834)

Have a look what the booklet for  
YUV(154.4750, -23.4052, 87.2834)  
contains.

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# Color

**YUV(154.4750, -23.4052,  
87.2834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE716B
RGB	254, 113, 107
RGB Percent	100%, 44%, 42%
CMY	0.0039, 0.5569, 0.5804
CMYK	0.00, 0.56, 0.58, 0.00
HSL	2°, 99%, 71%
HSV	2°, 58%, 100%
XYZ	49.4320, 33.9426, 17.8561
YIQ	154.4750, 85.9620, 28.0260

# Conversions

## Conversions Part 2

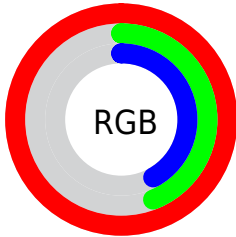
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 113, 107
Decimal	16675179
CIE Lab	64.92, 53.31, 30.04
CIE LCh	65, 61.193, 29.399
Yxy	33.9426, 0.4883, 0.3353
Android (android.graphics.Color)	4294865259 (0xFFFE716B)
YUV	154.4750, -23.4052, 87.2834
Hunter-Lab	58.2603, 49.4961, 22.6105

# Details

The YUV color **154.4750, -23.4052, 87.2834** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **206.5250, 23.4052, -87.2834**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4600, -17.4818, 53.9706**, and **98.2940, -18.8789, 82.1802** is the 20% darker color. If you saturate the color by 10%, you get **137.5370, -27.3797, 102.1381**, and if you desaturate by 10%, it is **171.4130, -19.4306, 72.4288**.

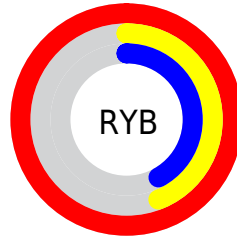
# Distribution



Red (100%)

Green (44%)

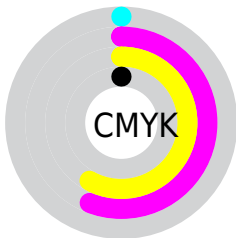
Blue (42%)



Red (100%)

Yellow (44%)

Blue (42%)

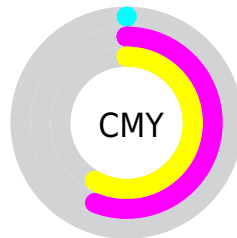


Cyan (0%)

Magenta (56%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 154.4750, -23.4052, 87.2834 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 154.4750, -23.4052, 87.2834 by changing the saturation by 10% instead.



154.4750,  
-23.4052, 87.2834

154.4750,  
-23.4052, 87.2834

255.0000, 0.0000,  
0.0000

126.6210,  
-21.5052, 84.5244

193.4600,  
-17.4818, 53.9706

98.2940, -18.8789,  
82.1802

212.9740,  
-13.7912, 36.8568

67.7330, -14.6584,  
81.7952

233.1890, -9.9532,  
19.1282

41.1070, -11.8848,  
78.8362

253.5180, -5.6784,  
1.2997

30.1990, -14.8881,  
62.0925

21.5280, -10.6133,  
44.2639

13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,  
0.0000

■ 154.4750,  
-23.4052, 87.2834

■ 154.4750,  
-23.4052, 87.2834

■ 137.5370,  
-27.3797, 102.1381

■ 171.4130,  
-19.4306, 72.4288

■ 119.8980,  
-31.5017, 117.6075

■ 189.0520,  
-15.3086, 56.9594

■ 102.9600,  
-35.4763, 132.4621

■ 205.9900,  
-11.3341, 42.1048

■ 85.9080, -39.8876,  
147.4167

■ 223.0420, -6.9227,  
27.1502

■ 81.8160, -40.3353,  
151.0054

■ 240.5670, -3.2375,  
11.7807

254.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



156.5220, 2.2077, 85.4882



154.4750, -23.4052, 87.2834



153.6100, -45.1637, 66.1170

# Triad

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



154.4750, -23.4052, 87.2834



131.3090, -15.9283, -71.3080



125.3380, 63.9234, -109.9214

# Complementary

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



154.4750, -23.4052, 87.2834



206.5250, 23.4052, -87.2834

# 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.



132.5130, 58.4141, -116.2139



154.4750, -23.4052, 87.2834



125.6780, 14.4557, -110.2196

# Square

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



154.4750, -23.4052, 87.2834



145.7130, -45.2145, -11.1493



131.3610, 38.7690, -115.2036



159.4270, 46.1315, -3.0055



# Rectangle

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



154.4750, -23.4052, 87.2834



152.2470, -54.8448, 44.5104



131.3610, 38.7690, -115.2036



128.2730, 62.4764, -112.4954

# Sweetspot

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



154.4750, -23.4052, 87.2834



225.4440, -6.6279, 25.9206



167.1410, 40.3565, 76.1753



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.



154.4750, -23.4052, 87.2834



135.7330, -27.9694, 104.5972



196.7390, -44.2413, 50.2179



118.8870, -1.9163, 7.9921



61.8050, -30.4699, 113.3040



20.8970, -10.3022, 37.8013



# Inverse Universe

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



206.5250, 23.4052, -87.2834



198.2670, 27.9694, -104.5972



164.2610, 44.2413, -50.2179



123.5260, 2.2057, -7.4773



129.1950, 30.4699, -113.3040



43.1030, 10.3022, -37.8013



# Previews

## White Background



This preview shows how the YUV color 154.4750, -23.4052, 87.2834 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 154.4750, -23.4052, 87.2834 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 154.4750, -23.4052, 87.2834

## Background



This preview shows how black text looks on a background with the YUV color 154.4750, -23.4052, 87.2834.



This preview shows how white text looks on a background with the YUV color 154.4750, -23.4052, 87.2834.

87.2834.

# 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

154.4750, -23.4052, 87.2834

### Protanopia

157.3420, -15.4516, 9.3471

### Deuteranopia

156.8470, -28.0256, 29.0752



## Tritanopia

154.9680, -17.7322, 87.7281

# Trichromacy



**Original Color**

154.4750, -23.4052, 87.2834

**Protanomaly**

156.4210, -18.4486, 37.3418

**Deuteranomaly**

155.8480, -26.0541, 50.1223

**Tritanomaly**

155.0990, -19.7688, 87.6132

# Monochromacy



**Original Color**

154.4750, -23.4052, 87.2834

**Achromatopsia**

154.0000, 0.0000, 0.0000

**Achromatomaly**

154.0210, -8.3914, 31.5536

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.4750, -23.4052, 87.2834 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(254, 113, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 107)  
}
```

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(254, 113, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 107) }
```

## Border

The CSS property to change the border of an element to YUV 154.4750, -23.4052, 87.2834 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(254, 113, 107) }
```



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

```
.border{ border-color:rgb(254, 113, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 154.4750, -23.4052, 87.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 107) }
```

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

```
.background{ background-color: rgb(254,  
113, 107) }
```

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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