

Converting Colors

YUV(149.4130, -15.9796,
85.5838)

Have a look what the booklet for
YUV(149.4130, -15.9796, 85.5838)
contains.

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Color

**YUV(149.4130, -15.9796,
85.5838)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F76A75 |
| RGB | 247, 106, 117 |
| RGB Percent | 97%, 42%, 46% |
| CMY | 0.0314, 0.5843, 0.5412 |
| CMYK | 0.00, 0.57, 0.53, 0.03 |
| HSL | 355°, 90%, 69% |
| HSV | 355°, 57%, 97% |
| XYZ | 46.7227, 31.3666, 20.4214 |
| YIQ | 149.4130, 80.5050, 33.3130 |

Conversions

Conversions Part 2

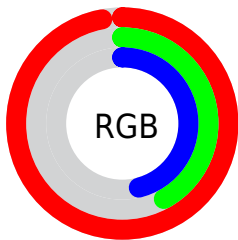
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 106, 117 |
| Decimal | 16214645 |
| CIE Lab | 62.82, 54.88, 21.41 |
| CIE LCh | 63, 58.912, 21.308 |
| Yxy | 31.3666, 0.4743, 0.3184 |
| Android (android.graphics.Color) | 4294404725 (0xFFFF76A75) |
| YUV | 149.4130, -15.9796, 85.5838 |
| Hunter-Lab | 56.0059, 50.9027, 17.5852 |

Details

The YUV color **149.4130, -15.9796, 85.5838** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **203.5870, 15.9796, -85.5838**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6050, -10.6513, 56.4744**, and **91.9440, -11.3114, 81.6101** is the 20% darker color. If you saturate the color by 10%, you get **132.1160, -18.7912, 100.7533**, and if you desaturate by 10%, it is **166.7100, -13.1680, 70.4143**.

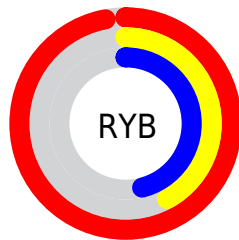
Distribution



Red (97%)

Green (42%)

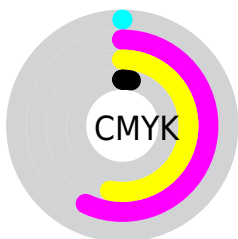
Blue (46%)



Red (97%)

Yellow (42%)

Blue (46%)

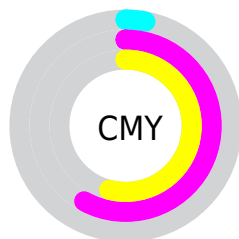


Cyan (0%)

Magenta (57%)

Yellow (53%)

Black (3%)



Cyan (3%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4130, -15.9796, 85.5838 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 149.4130, -15.9796, 85.5838 by changing the saturation by 10% instead.

■ 149.4130,
-15.9796, 85.5838

■ 149.4130,
-15.9796, 85.5838

■ 255.0000, 0.0000,
0.0000

■ 120.8580,
-14.2270, 83.4395

■ 190.6050,
-10.6513, 56.4744

■ 91.9440, -11.3114,
81.6101

■ 210.1190, -6.9607,
39.3606

■ 58.7470, -5.7913,
84.4139

■ 230.3340, -3.1227,
21.6321

■ 40.3390, -7.0691,
74.2477

■ 250.6630, 1.1521,
3.8035

■ 28.7040, -14.1511,
59.0186

■ 20.4460, -9.5869,
41.7049

■ 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 149.4130,
-15.9796, 85.5838

■ 149.4130,
-15.9796, 85.5838

■ 132.1160,
-18.7912, 100.7533

■ 166.7100,
-13.1680, 70.4143

■ 115.4060,
-21.8922, 115.4079

■ 183.4200,
-10.0671, 55.7597

■ 98.2230, -24.2669,
130.4774

■ 200.6030, -7.6923,
40.6902

■ 80.9260, -27.0785,
145.6469

■ 217.9000, -4.8807,
25.5207

■ 76.0190, -28.1104,
149.9503

■ 234.6100, -1.7797,
10.8660

251.9070, 1.0318,
-4.3034

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



152.4760, 8.6393, 75.8815



149.4130, -15.9796, 85.5838



148.7660, -38.3386, 70.3652

Triad

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



149.4130, -15.9796, 85.5838



133.1610, -24.7294, -48.3762



124.1640, 64.5021, -108.8918

Complementary

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



149.4130, -15.9796, 85.5838



203.5870, 15.9796, -85.5838

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.



128.1130, 51.7093, -112.3551



149.4130, -15.9796, 85.5838



118.5880, 7.5981, -104.0017

Square

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



149.4130, -15.9796, 85.5838



141.8070, -47.7259, 1.0463



125.3310, 30.8958, -109.9153



150.7020, 48.9539, -21.6637

Rectangle

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



149.4130, -15.9796, 85.5838



147.4850, -49.0461, 51.3177



125.3310, 30.8958, -109.9153



126.6430, 61.3080, -111.0659

Sweetspot

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



149.4130, -15.9796, 85.5838



225.1990, -5.0281, 26.1355



160.6450, 42.5730, 65.2093



110.0020, -2.9590, 15.7842



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.



149.4130, -15.9796, 85.5838



133.2200, -19.8285, 106.8011



182.7920, -37.8585, 56.3104



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Inverse Universe

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



149.4130, -15.9796, 85.5838



133.2200, -19.8285, 106.8011



170.2080, 37.8585, -56.3104



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 149.4130, -15.9796, 85.5838 looks on a white background.

Color Contrast Check

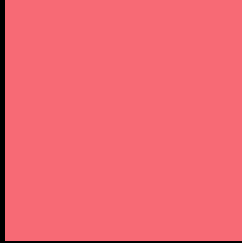
Large Text (above 18pt) WCAG AA × Fail

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 149.4130, -15.9796, 85.5838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

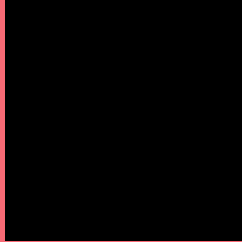
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4130, -15.9796, 85.5838

Background



This preview shows how black text looks on a background with the YUV color 149.4130, -15.9796, 85.5838.



This preview shows how white text looks on a background with the YUV color 149.4130, -15.9796, 85.5838.

85.5838.

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

149.4130, -15.9796, 85.5838

Protanopia

152.3120, -6.5628, 4.9884

Deuteranopia

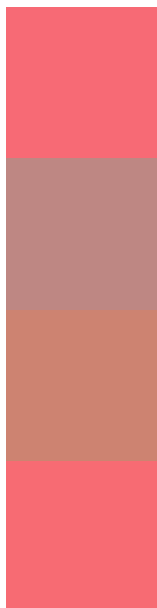
152.3610, -20.8840, 25.1164



Tritanopia

149.6580, -17.5794, 85.3689

Trichromacy



Original Color

149.4130, -15.9796, 85.5838

Protanomaly

150.9890, -9.8546, 34.2126

Deuteranomaly

151.0740, -18.7705, 47.2931

Tritanomaly

149.7720, -17.1426, 85.2690

Monochromacy



Original Color

149.4130, -15.9796, 85.5838

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0040, -5.9180, 31.5685

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4130, -15.9796, 85.5838 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(247, 106, 117)` looks like.

```
.text, #text, p{  
    color:rgb(247, 106, 117)  
}
```

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(247, 106, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 106, 117) }
```

Border

The CSS property to change the border of an element to YUV 149.4130, -15.9796, 85.5838 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(247, 106, 117) }
```


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

```
.border{ border-color:rgb(247, 106, 117) }
```

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

Here you see how a box with a 4 pixel rgb(247, 106, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 106, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 106, 117);  
box-shadow:4px 4px 4px 4px rgb(247, 106,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 149.4130, -15.9796, 85.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 106, 117) }
```

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

```
.background{ background-color: rgb(247,  
106, 117) }
```

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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