

Converting Colors

YUV(154.8750, -16.7004,
83.4246)

Have a look what the booklet for
YUV(154.8750, -16.7004, 83.4246)
contains.

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Color

**YUV(154.8750, -16.7004,
83.4246)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7179
RGB	250, 113, 121
RGB Percent	98%, 44%, 47%
CMY	0.0196, 0.5569, 0.5255
CMYK	0.00, 0.55, 0.52, 0.02
HSL	356°, 93%, 71%
HSV	356°, 55%, 98%
XYZ	48.7807, 33.5147, 21.9871
YIQ	154.8750, 79.0840, 31.5320

Conversions

Conversions Part 2

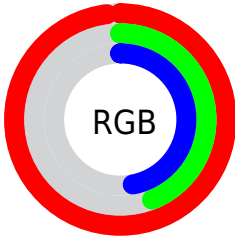
Format	Color
R _Y B	250, 113, 121
Decimal	16413049
CIE Lab	64.58, 53.01, 21.59
CIE LCh	65, 57.238, 22.157
Yxy	33.5147, 0.4678, 0.3214
Android (android.graphics.Color)	4294603129 (0xFFFA7179)
YUV	154.8750, -16.7004, 83.4246
Hunter-Lab	57.8919, 49.0962, 18.0062

Details

The YUV color **154.8750, -16.7004, 83.4246** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **208.1250, 16.7004, -83.4246**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5830, -10.6404, 52.9857**, and **98.8790, -12.7583, 79.0361** is the 20% darker color. If you saturate the color by 10%, you get **137.4640, -19.9488, 98.6941**, and if you desaturate by 10%, it is **172.2860, -13.4520, 68.1552**.

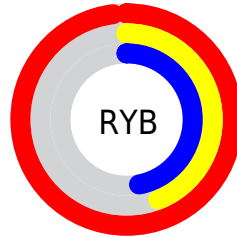
Distribution



Red (98%)

Green (44%)

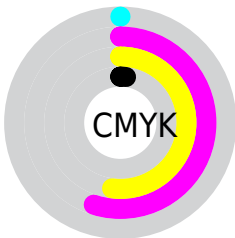
Blue (47%)



Red (98%)

Yellow (44%)

Blue (47%)

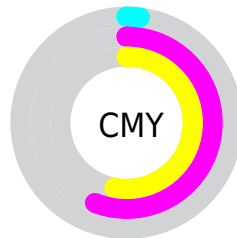


Cyan (0%)

Magenta (55%)

Yellow (52%)

Black (2%)



Cyan (2%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8750, -16.7004, 83.4246 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 154.8750, -16.7004, 83.4246 by changing the saturation by 10% instead.

154.8750,
-16.7004, 83.4246

154.8750,
-16.7004, 83.4246

255.0000, 0.0000,
0.0000

126.9070,
-15.2372, 80.7656

194.5830,
-10.6404, 52.9857

98.8790, -12.7583,
79.0361

214.7980, -6.8024,
35.2572

68.2040, -8.9746,
78.7511

235.0130, -2.9644,
17.5286

41.8770, -6.3484,
76.4069

30.4700, -12.5567,
60.9778

21.3430, -10.0291,
43.5492

12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 154.8750,
-16.7004, 83.4246

■ 154.8750,
-16.7004, 83.4246

■ 137.4640,
-19.9488, 98.6941

■ 172.2860,
-13.4520, 68.1552

■ 120.1670,
-22.7603, 113.8635

■ 189.5830,
-10.6404, 52.9857

■ 102.7560,
-26.0087, 129.1330

■ 206.9940, -7.3920,
37.7163

■ 85.4590, -28.8203,
144.3025

■ 224.2910, -4.5805,
22.5468

■ 76.4600, -30.2998,
152.1946

■ 241.7020, -1.3321,
7.2773

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



158.0090, 6.8976, 74.5371



154.8750, -16.7004, 83.4246



153.8690, -37.8964, 68.5209

Triad

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



154.8750, -16.7004, 83.4246



138.8020, -23.5664, -48.0614



126.5120, 63.3446, -110.9510

Complementary

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



154.8750, -16.7004, 83.4246



208.1250, 16.7004, -83.4246

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.



130.8030, 51.8621, -114.7142



154.8750, -16.7004, 83.4246



122.3210, 9.2087, -107.2755

Square

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



154.8750, -16.7004, 83.4246



146.9640, -45.8313, 0.0316



128.3630, 32.3590, -112.5744



156.5560, 47.0539, -18.9046

Rectangle

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



154.8750, -16.7004, 83.4246



152.7020, -48.1671, 49.3733



128.3630, 32.3590, -112.5744



129.3330, 61.4608, -113.4250

Sweetspot

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



154.8750, -16.7004, 83.4246



226.6010, -4.7333, 24.9059



166.8900, 40.9732, 64.9945



110.7030, -2.8116, 15.1695



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.



154.8750, -16.7004, 83.4246



138.3720, -20.3964, 102.2828



188.5960, -37.2688, 53.8513



116.0010, -1.4795, 7.8921



57.7650, -23.0551, 115.0931



18.6950, -7.2446, 37.1015

Inverse Universe

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



154.8750, -16.7004, 83.4246



138.3720, -20.3964, 102.2828



174.4040, 37.2688, -53.8513



116.0010, -1.4795, 7.8921



57.7650, -23.0551, 115.0931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 154.8750, -16.7004, 83.4246 looks on a white background.

Color Contrast Check

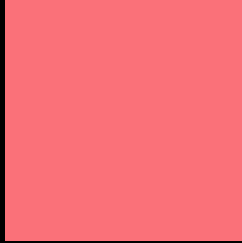
Large Text (above 18pt) WCAG AA × Fail

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 154.8750, -16.7004, 83.4246 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 154.8750, -16.7004, 83.4246

Background



This preview shows how black text looks on a background with the YUV color 154.8750, -16.7004, 83.4246.



This preview shows how white text looks on a background with the YUV color 154.8750, -16.7004, 83.4246.

83.4246.

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

154.8750, -16.7004, 83.4246

Protanopia

156.4970, -7.1470, 5.7031

Deuteranopia

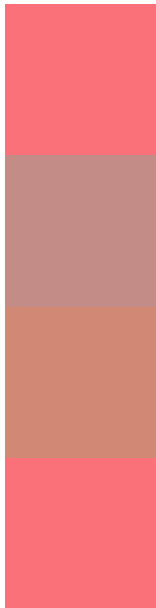
156.7740, -20.5946, 25.6312



Tritanopia

154.8750, -16.7004, 83.4246

Trichromacy



Original Color

154.8750, -16.7004, 83.4246

Protanomaly

155.7610, -10.7282, 34.4126

Deuteranomaly

156.2480, -19.3493, 46.2635

Tritanomaly

154.8750, -16.7004, 83.4246

Monochromacy



Original Color

154.8750, -16.7004, 83.4246

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2920, -6.0600, 30.4389

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8750, -16.7004, 83.4246 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(250, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(250, 113, 121)  
}
```

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(250, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 113, 121) }
```

Border

The CSS property to change the border of an element to YUV 154.8750, -16.7004, 83.4246 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(250, 113, 121) }
```


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

```
.border{ border-color:rgb(250, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(250, 113,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 154.8750, -16.7004, 83.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 113, 121) }
```

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

```
.background{ background-color: rgb(250,  
113, 121) }
```

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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