

Converting Colors

YIQ(151.0110, 81.6970, 33.7370)

Have a look what the booklet for
YIQ(151.0110, 81.6970, 33.7370)
contains.

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Color

**YIQ(151.0110, 81.6970,
33.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	FA6B76
RGB	250, 107, 118
RGB Percent	98%, 42%, 46%
CMY	0.0193, 0.5806, 0.5369
CMYK	0.00, 0.57, 0.53, 0.02
HSL	355°, 94%, 70%
HSV	355°, 57%, 98%
XYZ	47.9823, 32.1531, 20.8419
YIQ	151.0110, 81.6970, 33.7370

Conversions

Conversions Part 2

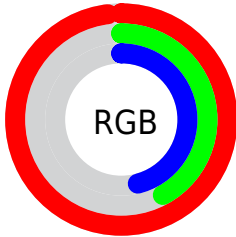
Format	Color
R_{YB}	250, 107, 118
Decimal	16411510
CIE _{Lab}	63.47, 55.58, 21.75
CIE _{LCh}	63, 59.689, 21.373
Yxy	32.1531, 0.4752, 0.3184
Android (android.graphics.Color)	4294601590 (0xFFFA6B76)
YUV	151.0110, -16.2744, 86.8134
Hunter-Lab	56.7037, 51.8139, 17.9001

Details

The YIQ color **151.0110, 81.6970, 33.7370** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **205.9890, -81.6970, -33.7370**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3060, 52.5850, 21.6810**, and **93.5420, 75.8280, 35.4760** is the 20% darker color. If you saturate the color by 10%, you get **133.7140, 95.9550, 39.6590**, and if you desaturate by 10%, it is **168.3080, 67.4390, 27.8150**.

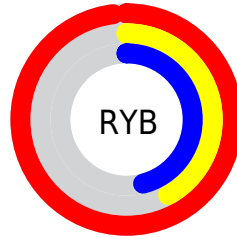
Distribution



Red (98%)

Green (42%)

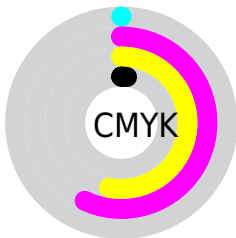
Blue (46%)



Red (98%)

Yellow (42%)

Blue (46%)

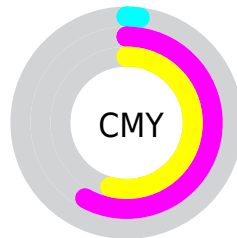


Cyan (0%)

Magenta (57%)

Yellow (53%)

Black (2%)



Cyan (2%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0110, 81.6970, 33.7370 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 YIQ color 151.0110, 81.6970, 33.7370 by changing the saturation by 10% instead.

151.0110, 81.6970,
33.7370

151.0110, 81.6970,
33.7370

255.0000, -0.0000,
-0.0000

122.4560, 78.9460,
34.0340

191.3060, 52.5850,
21.6810

93.5420, 75.8280,
35.4760

210.8200, 36.2180,
15.4340

59.7580, 75.4600,
42.1480

231.0350, 19.2550,
8.9750

41.3500, 67.6210,
35.5330

251.9510, 1.6960,
2.3040

29.7150, 58.6830,
21.2990

21.0440, 41.3990,
15.1510

12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 151.0110, 81.6970,
33.7370

■ 151.0110, 81.6970,
33.7370

■ 133.7140, 95.9550,
39.6590

■ 168.3080, 67.4390,
27.8150

■ 116.4170,
110.2130, 45.5810

■ 185.6050, 53.1810,
21.8930

■ 99.1200, 124.4710,
51.5030

■ 202.9020, 38.9230,
15.9710

■ 81.8230, 138.7290,
57.4250

■ 220.1990, 24.6650,
10.0490

■ 76.9160, 142.9010,
58.9090

■ 237.4960, 10.4070,
4.1270

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



154.0740, 60.1910, 49.0470



151.0110, 81.6970, 33.7370



150.8370, 81.1060, 5.8900

Triad

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



151.0110, 81.6970, 33.7370



134.4490, -28.0510, -47.8190



125.3380, -126.9550, -6.4670

Complementary

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



151.0110, 81.6970, 33.7370



205.9890, -81.6970, -33.7370

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.



129.6290, -123.8810, -18.1290



151.0110, 81.6970, 33.7370



119.9900, -92.6060, -50.7980

Square

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



151.0110, 81.6970, 33.7370



143.5790, 27.4250, -39.9910



126.8470, -110.5360, -34.2160



152.5170, -45.6710, 29.2490

Rectangle

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



151.0110, 81.6970, 33.7370



149.5560, 70.9310, -13.4610



126.8470, -110.5360, -34.2160



128.1590, -128.0090, -9.3930

Sweetspot

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



151.0110, 81.6970, 33.7370



225.1990, 24.6650, 10.0490



162.4710, 32.1730, 72.2450



110.0020, 14.8540, 6.1340



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.



151.0110, 81.6970, 33.7370



133.2200, 100.4020, 41.6660



184.9770, 68.7280, -1.0640



116.0010, 7.4270, 3.0670



58.2210, 107.8290, 44.7330



18.8090, 34.7510, 14.4870

Inverse Universe

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



151.0110, 81.6970, 33.7370



133.2200, 100.4020, 41.6660



172.0230, -68.7280, 1.0640



116.0010, 7.4270, 3.0670



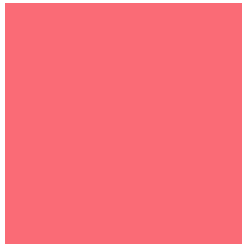
58.2210, 107.8290, 44.7330



18.8090, 34.7510, 14.4870

Previews

White Background



This preview shows how the YIQ color 151.0110, 81.6970, 33.7370 looks on a white background.

Color Contrast Check

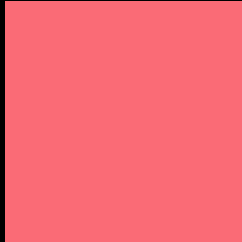
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 151.0110, 81.6970, 33.7370 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](#).

YIQ 151.0110, 81.6970, 33.7370

Background



This preview shows how black text looks on a background with the YIQ color 151.0110, 81.6970, 33.7370.



This preview shows how white text looks on a background with the YIQ color 151.0110, 81.6970,

33.7370.

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

151.0110, 81.6970, 33.7370

Protanopia

154.1980, 8.0700, -3.0820

Deuteranopia

154.2470, 32.7370, -4.0870



Tritanopia

151.2560, 82.3850, 32.2810

Trichromacy



Original Color

151.0110, 81.6970, 33.7370

Protanomaly

153.1740, 34.9810, 10.3170

Deuteranomaly

152.9600, 50.2030, 9.7790

Tritanomaly

151.3700, 82.0640, 32.5920

Monochromacy



Original Color

151.0110, 81.6970, 33.7370

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.0040, 29.7080, 12.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0110, 81.6970, 33.7370 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, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 118)  
}
```

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, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 118) }
```

Border

The CSS property to change the border of an element to YIQ 151.0110, 81.6970, 33.7370 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, 107, 118) }
```


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

```
.border{ border-color:rgb(250, 107, 118) }
```

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

Here you see how a box with a 4 pixel rgb(250, 107, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 118);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0110, 81.6970, 33.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 118) }
```

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

```
.background{ background-color: rgb(250,  
107, 118) }
```

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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