

Converting Colors

YIQ(152.4670, 80.4130, 34.9810)

Have a look what the booklet for
YIQ(152.4670, 80.4130, 34.9810)
contains.

YIQ(152.4670, 80.4130, 34.9810)	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

**YIQ(152.4670, 80.4130,
34.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6C7B
RGB	251, 108, 123
RGB Percent	98%, 42%, 48%
CMY	0.0153, 0.5767, 0.5173
CMYK	0.00, 0.57, 0.51, 0.02
HSL	354°, 95%, 70%
HSV	354°, 57%, 98%
XYZ	48.7521, 32.6703, 22.5011
YIQ	152.4670, 80.4130, 34.9810

Conversions

Conversions Part 2

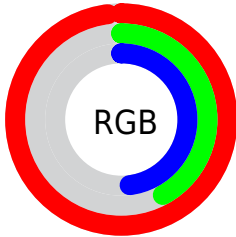
Format	Color
R _Y B	251, 108, 123
Decimal	16477307
CIE Lab	63.89, 55.87, 19.50
CIE LCh	64, 59.180, 19.241
Yxy	32.6703, 0.4691, 0.3144
Android (android.graphics.Color)	4294667387 (0xFFFB6C7B)
YUV	152.4670, -14.5272, 86.4134
Hunter-Lab	57.1579, 52.2228, 16.6701

Details

The YIQ color **152.4670, 80.4130, 34.9810** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **206.5330, -80.4130, -34.9810**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **192.4630, 50.7050, 22.7130**, and **94.9980, 74.5440, 36.7200** is the 20% darker color. If you saturate the color by 10%, you get **135.2840, 94.3500, 41.2140**, and if you desaturate by 10%, it is **169.7640, 66.1550, 29.0590**.

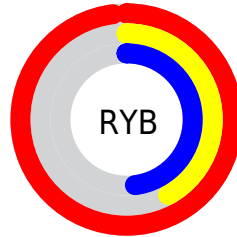
Distribution



Red (98%)

Green (42%)

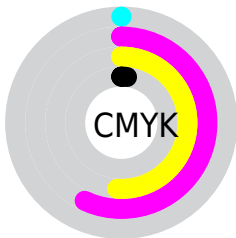
Blue (48%)



Red (98%)

Yellow (42%)

Blue (48%)

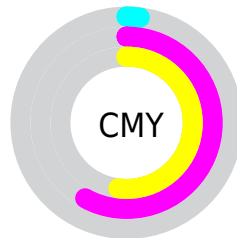


Cyan (0%)

Magenta (57%)

Yellow (51%)

Black (2%)



Cyan (2%)


Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 152.4670, 80.4130, 34.9810 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 152.4670, 80.4130, 34.9810 by changing the saturation by 10% instead.


 152.4670, 80.4130,
34.9810


 152.4670, 80.4130,
34.9810


255.0000, -0.0000,
-0.0000


 123.9120, 77.6620,
35.2780


 192.4630, 50.7050,
22.7130

 94.9980, 74.5440,
36.7200


 212.0910, 34.0170,
16.7770


 61.6870, 74.2220,
42.5580

 232.3060, 17.0540,
10.3180

 42.1050, 66.9330,
36.9890

 252.6520, 1.1000,
2.0920

 30.8120, 57.0320,
23.6880

 21.3430, 41.9950,
15.3630

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 152.4670, 80.4130,
34.9810

■ 152.4670, 80.4130,
34.9810

■ 135.2840, 94.3500,
41.2140

■ 169.7640, 66.1550,
29.0590

■ 117.9870,
108.6080, 47.1360

■ 186.9470, 52.2180,
22.8260

■ 100.8040,
122.5450, 53.3690

■ 204.1300, 38.2810,
16.5930

■ 83.5070, 136.8030,
59.2910

■ 221.4270, 24.0230,
10.6710

■ 78.1270, 140.9290,
61.6090

■ 238.6100, 10.0860,
4.4380

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



155.5190, 57.4400, 49.3440



152.4670, 80.4130, 34.9810



152.3040, 81.2890, 8.0810

Triad

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



152.4670, 80.4130, 34.9810



136.6130, -22.6410, -46.7450



126.5120, -127.5050, -7.5130

Complementary

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



152.4670, 80.4130, 34.9810



206.5330, -80.4130, -34.9810

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.



129.9880, -123.5140, -19.2740



152.4670, 80.4130, 34.9810



120.2350, -91.9180, -52.2540

Square

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



152.4670, 80.4130, 34.9810



145.1880, 30.0840, -38.6200



127.0920, -109.8480, -35.6720



152.7120, -50.7140, 27.0300

Rectangle

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



152.4670, 80.4130, 34.9810



150.9090, 71.4350, -11.5810



127.0920, -109.8480, -35.6720



128.6320, -127.9630, -10.2270

Sweetspot

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



152.4670, 80.4130, 34.9810



225.3130, 24.3440, 10.3600



161.9760, 29.1930, 71.1850



110.1160, 14.5330, 6.4450



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.



152.4670, 80.4130, 34.9810



135.7790, 97.3300, 42.2740



183.0420, 70.1030, 1.5510



116.1150, 7.1060, 3.3780



58.7910, 106.2240, 46.2880



18.9230, 34.4300, 14.7980

Inverse Universe

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



152.4670, 80.4130, 34.9810



135.7790, 97.3300, 42.2740



175.9580, -70.1030, -1.5510



116.1150, 7.1060, 3.3780



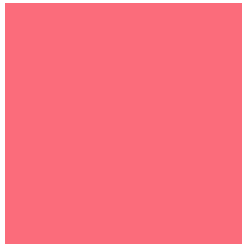
58.7910, 106.2240, 46.2880



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 152.4670, 80.4130, 34.9810 looks on a white background.

Color Contrast Check

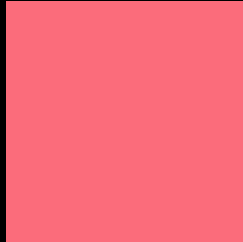
Large Text (above 18pt) WCAG AA × Fail

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 152.4670, 80.4130, 34.9810 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 152.4670, 80.4130, 34.9810

Background



This preview shows how black text looks on a background with the YIQ color 152.4670, 80.4130, 34.9810.



This preview shows how white text looks on a background with the YIQ color 152.4670, 80.4130,

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

152.4670, 80.4130, 34.9810

Protanopia

155.4690, 5.8690, -1.7390

Deuteranopia

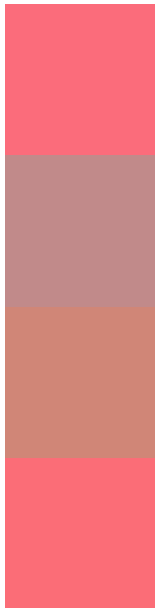
155.4040, 30.8570, -3.0550



Tritanopia

152.2560, 82.3850, 32.2810

Trichromacy



Original Color

152.4670, 80.4130, 34.9810

Protanomaly

154.4450, 32.7800, 11.6600

Deuteranomaly

154.4160, 48.9190, 11.0230

Tritanomaly

152.5980, 81.4220, 33.2140

Monochromacy



Original Color

152.4670, 80.4130, 34.9810

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1180, 29.3870, 12.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4670, 80.4130, 34.9810 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(251, 108, 123)` looks like.

```
.text, #text, p{  
    color:rgb(251, 108, 123)  
}
```

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(251, 108, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 108, 123) }
```

Border

The CSS property to change the border of an element to YIQ 152.4670, 80.4130, 34.9810 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(251, 108, 123) }
```


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

```
.border{ border-color:rgb(251, 108, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 108, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 108, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 108, 123);  
box-shadow:4px 4px 4px 4px rgb(251, 108,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4670, 80.4130, 34.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 108, 123) }
```

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

```
.background{ background-color: rgb(251,  
108, 123) }
```

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