

Converting Colors

YIQ(153.8350, 76.5610, 38.7130)

Have a look what the booklet for
YIQ(153.8350, 76.5610, 38.7130)
contains.

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Color

**YIQ(153.8350, 76.5610,
38.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6C87
RGB	251, 108, 135
RGB Percent	98%, 42%, 53%
CMY	0.0153, 0.5767, 0.4703
CMYK	0.00, 0.57, 0.46, 0.02
HSL	349°, 95%, 70%
HSV	349°, 57%, 98%
XYZ	49.5510, 32.9899, 26.7044
YIQ	153.8350, 76.5610, 38.7130

Conversions

Conversions Part 2

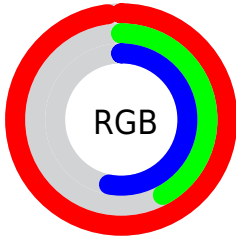
Format	Color
RYB	251, 108, 135
Decimal	16477319
CIELab	64.15, 56.93, 13.00
CIElCh	64, 58.396, 12.867
Yxy	32.9899, 0.4536, 0.3020
Android (android.graphics.Color)	4294667399 (0xFFFB6C87)
YUV	153.8350, -9.2857, 85.2137
Hunter-Lab	57.4368, 53.4781, 12.6398

Details

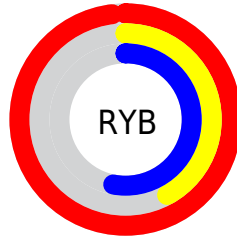
The YIQ color **153.8350, 76.5610, 38.7130** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **205.1650, -76.5610, -38.7130**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.9450, 46.5320, 26.7560**, and **96.5510, 71.6090, 40.3530** is the 20% darker color. If you saturate the color by 10%, you get **136.8800, 89.8560, 45.5680**, and if you desaturate by 10%, it is **170.7900, 63.2660, 31.8580**.

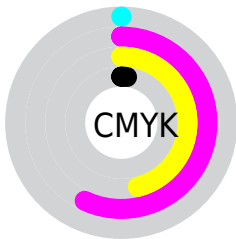
Distribution



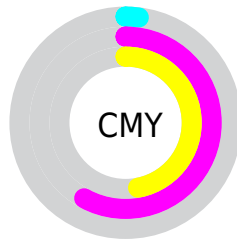
- Red (98%)
- Green (42%)
- Blue (53%)



- Red (98%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8350, 76.5610, 38.7130 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 153.8350, 76.5610, 38.7130 by changing the saturation by 10% instead.


 153.8350, 76.5610,
38.7130

 153.8350, 76.5610,
38.7130


255.0000, -0.0000,
-0.0000


 125.2800, 73.8100,
39.0100


 193.9450, 46.5320,
26.7560


 96.5510, 71.6090,
40.3530


 213.5730, 29.8440,
20.8200


 62.0660, 71.8370,
47.2370

 233.7880, 12.8810,
14.3610

 43.5440, 64.3190,
40.3110

 252.6520, 1.1000,
2.0920

 32.5930, 53.4550,
27.9430

 21.9410, 43.1870,
15.7870

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 153.8350, 76.5610,
38.7130

■ 153.8350, 76.5610,
38.7130

■ 136.8800, 89.8560,
45.5680

■ 170.7900, 63.2660,
31.8580

■ 119.8110,
103.4720, 52.1120

■ 187.8590, 49.6500,
25.3140

■ 102.8560,
116.7670, 58.9670

■ 204.8140, 36.3550,
18.4590

■ 85.9010, 130.0620,
65.8220

■ 221.7690, 23.0600,
11.6040

■ 80.5210, 134.1880,
68.1400

■ 238.8380, 9.4440,
5.0600

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.



158.0280, 48.6370, 49.1890



153.8350, 76.5610, 38.7130



153.2920, 81.5630, 14.1310

Triad

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



153.8350, 76.5610, 38.7130



140.6100, -9.3910, -44.5830



128.8600, -128.6050, -9.6050

Complementary

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



153.8350, 76.5610, 38.7130



205.1650, -76.5610, -38.7130

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.



130.1360, -121.1750, -23.1190



153.8350, 76.5610, 38.7130



119.0950, -88.7080, -55.3640

Square

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



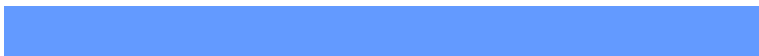
153.8350, 76.5610, 38.7130



147.3740, 38.4280, -35.6520



126.4250, -106.5920, -39.6160



149.0690, -65.2010, 19.7510

Rectangle

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



153.8350, 76.5610, 38.7130



151.9790, 74.4140, -4.9940



126.4250, -106.5920, -39.6160



129.8230, -127.1830, -13.3510

Sweetspot

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



153.8350, 76.5610, 38.7130



225.7690, 23.0600, 11.6040



158.3880, 22.0410, 68.6410



110.3440, 13.8910, 7.0670



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.



153.8350, 76.5610, 38.7130



137.3750, 92.8360, 46.6280



175.9980, 73.4030, 7.8270



116.2290, 6.7850, 3.6890



60.6150, 101.0880, 51.2640



19.6070, 32.5040, 16.6640

Inverse Universe

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



153.8350, 76.5610, 38.7130



137.3750, 92.8360, 46.6280



183.0020, -73.4030, -7.8270



116.2290, 6.7850, 3.6890



60.6150, 101.0880, 51.2640



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 153.8350, 76.5610, 38.7130 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 153.8350, 76.5610, 38.7130 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 153.8350, 76.5610, 38.7130

Background



This preview shows how black text looks on a background with the YIQ color 153.8350, 76.5610, 38.7130.



This preview shows how white text looks on a background with the YIQ color 153.8350, 76.5610,

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

153.8350, 76.5610, 38.7130

Protanopia

156.1680, -0.4130, 1.9790

Deuteranopia

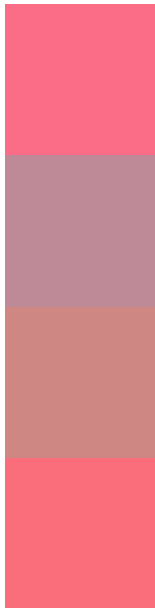
156.4620, 24.9420, -0.4820



Tritanopia

153.3590, 80.5970, 31.6450

Trichromacy



Original Color

153.8350, 76.5610, 38.7130

Protanomaly

155.3290, 27.4150, 15.2790

Deuteranomaly

155.7730, 43.6000, 13.8080

Tritanomaly

153.4560, 78.9460, 34.0340

Monochromacy



Original Color

153.8350, 76.5610, 38.7130

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.6880, 27.7820, 14.1340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.8350, 76.5610, 38.7130 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(251, 108, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 108, 135) }
```

Border

The CSS property to change the border of an element to YIQ 153.8350, 76.5610, 38.7130 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, 135) }
```


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

```
.border{ border-color:rgb(251, 108, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 108, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 108, 135);  
box-shadow:4px 4px 4px 4px rgb(251, 108,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 153.8350, 76.5610, 38.7130 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, 135) }
```

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

```
.background{ background-color: rgb(251,  
108, 135) }
```

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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