

Converting Colors

YIQ(154.9410, 70.6910, 45.9790)

Have a look what the booklet for
YIQ(154.9410, 70.6910, 45.9790)
contains.

YIQ(154.9410, 70.6910, 45.9790)	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(154.9410, 70.6910,
45.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6A9B
RGB	251, 106, 155
RGB Percent	98%, 42%, 61%
CMY	0.0153, 0.5845, 0.3919
CMYK	0.00, 0.58, 0.38, 0.02
HSL	340°, 95%, 70%
HSV	340°, 58%, 98%
XYZ	50.8875, 33.1912, 34.7621
YIQ	154.9410, 70.6910, 45.9790

Conversions

Conversions Part 2

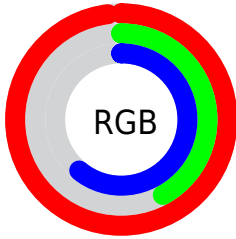
Format	Color
R_{YB}	251, 106, 155
Decimal	16476827
CIE _{Lab}	64.32, 59.81, 1.78
CIE _{LCh}	64, 59.841, 1.707
Yxy	33.1912, 0.4282, 0.2793
Android (android.graphics.Color)	4294666907 (0xFFFB6A9B)
YUV	154.9410, 0.0291, 84.2437
Hunter-Lab	57.6118, 56.8454, 4.5536

Details

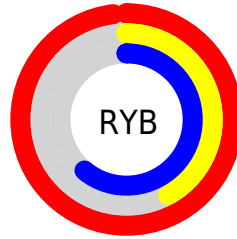
The YIQ color **154.9410, 70.6910, 45.9790** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **202.0590, -70.6910, -45.9790**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1650, 40.3410, 34.3330**, and **96.2550, 66.9310, 48.0430** is the 20% darker color. If you saturate the color by 10%, you get **138.3280, 83.0230, 53.7670**, and if you desaturate by 10%, it is **171.5540, 58.3590, 38.1910**.

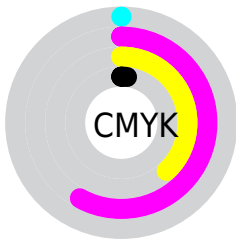
Distribution



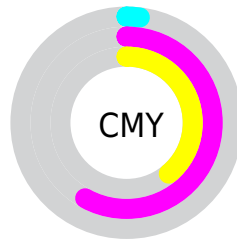
- Red (98%)
- Green (42%)
- Blue (61%)



- Red (98%)
- Yellow (42%)
- Blue (61%)



- Cyan (0%)
- Magenta (58%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.9410, 70.6910, 45.9790 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 154.9410, 70.6910, 45.9790 by changing the saturation by 10% instead.


 154.9410, 70.6910,
45.9790


 154.9410, 70.6910,
45.9790


255.0000, -0.0000,
-0.0000

 126.5710, 68.8570,
46.1770


 195.1650, 40.3410,
34.3330


 96.2550, 66.9310,
48.0430


 215.4940, 23.0570,
28.1850


 58.4330, 69.7260,
57.9660

 234.4550, 9.6250,
18.3050

 45.6670, 59.7790,
45.4990

 252.0650, 1.3750,
2.6150

 34.6020, 49.2360,
32.8200

 24.0210, 40.2060,
20.2540

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 154.9410, 70.6910,
45.9790

■ 154.9410, 70.6910,
45.9790

■ 138.3280, 83.0230,
53.7670

■ 171.5540, 58.3590,
38.1910

■ 121.8290, 95.0340,
61.8660

■ 188.0530, 46.3480,
30.0920

■ 105.2160,
107.3660, 69.6540

■ 204.6660, 34.0160,
22.3040

■ 88.7170, 119.3770,
77.7530

■ 221.2790, 21.6840,
14.5160

■ 84.7390, 122.3110,
79.6470

■ 237.7780, 9.6730,
6.4170

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.



159.5410, 34.0110, 49.9390



154.9410, 70.6910, 45.9790



153.1110, 83.9910, 25.1990

Triad

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



154.9410, 70.6910, 45.9790



143.7880, 10.5990, -43.4250



130.5240, -127.7790, -13.5630

Complementary

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



154.9410, 70.6910, 45.9790



202.0590, -70.6910, -45.9790

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.



130.3010, -117.5060, -29.0420



154.9410, 70.6910, 45.9790



128.4870, -57.5770, -52.3690

Square

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



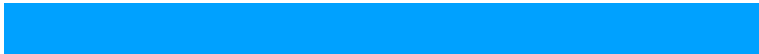
154.9410, 70.6910, 45.9790



148.8490, 53.3280, -30.3520



124.7320, -100.4470, -46.3590



123.5770, -126.1300, -4.8980

Rectangle

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



154.9410, 70.6910, 45.9790



152.8370, 81.1060, 5.8900



124.7320, -100.4470, -46.3590



131.1450, -125.3940, -18.2420

Sweetspot

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



154.9410, 70.6910, 45.9790



226.4530, 21.1340, 13.4700



150.6360, 9.4790, 65.0230



110.8000, 12.6070, 8.3110



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.



154.9410, 70.6910, 45.9790



138.4640, 85.6360, 55.9720



162.2690, 80.3700, 19.2340



116.4570, 6.1430, 4.3110



63.8070, 92.1000, 59.9720



20.6330, 29.6150, 19.4630

Inverse Universe

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



154.9410, 70.6910, 45.9790



138.4640, 85.6360, 55.9720



194.7310, -80.3700, -19.2340



116.4570, 6.1430, 4.3110



63.8070, 92.1000, 59.9720



20.6330, 29.6150, 19.4630

Previews

White Background



This preview shows how the YIQ color 154.9410, 70.6910, 45.9790 looks on a white background.

Color Contrast Check

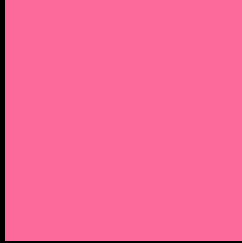
Large Text (above 18pt) WCAG AA × Fail

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 154.9410, 70.6910, 45.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

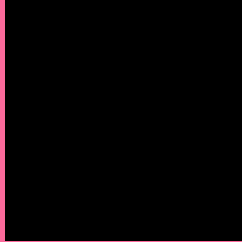
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.9410, 70.6910, 45.9790

Background



This preview shows how black text looks on a background with the YIQ color 154.9410, 70.6910, 45.9790.



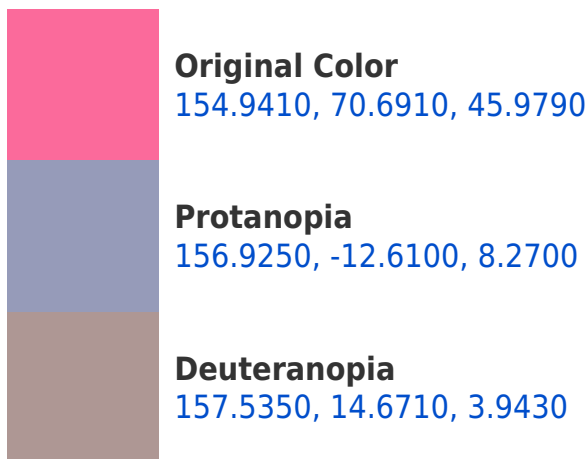
This preview shows how white text looks on a background with the YIQ color 154.9410, 70.6910,

45.9790.

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

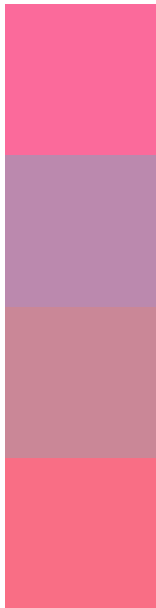




Tritanopia

154.1630, 78.2130, 30.7970

Trichromacy



Original Color

154.9410, 70.6910, 45.9790

Protanomaly

156.1680, 17.9230, 22.1070

Deuteranomaly

156.8570, 34.7960, 19.1800

Tritanomaly

154.1830, 75.4610, 36.6210

Monochromacy



Original Color

154.9410, 70.6910, 45.9790

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.8990, 25.8100, 16.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.9410, 70.6910, 45.9790 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, 106, 155)` looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 155)  
}
```

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, 106, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 155) }
```

Border

The CSS property to change the border of an element to YIQ 154.9410, 70.6910, 45.9790 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, 106, 155) }
```


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

```
.border{ border-color:rgb(251, 106, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 106, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 106, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 106, 155);  
box-shadow:4px 4px 4px 4px rgb(251, 106,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 154.9410, 70.6910, 45.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 106, 155) }
```

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

```
.background{ background-color: rgb(251,  
106, 155) }
```

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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