

Converting Colors

YIQ(165.3180, 70.6470, 35.7590)

Have a look what the booklet for
YIQ(165.3180, 70.6470, 35.7590)
contains.

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Color

**YIQ(165.3180, 70.6470,
35.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B94
RGB	255, 123, 148
RGB Percent	100%, 48%, 58%
CMY	0.0000, 0.5178, 0.4193
CMYK	0.00, 0.52, 0.42, 0.00
HSL	349°, 100%, 74%
HSV	349°, 52%, 100%
XYZ	53.6667, 37.5524, 32.4644
YIQ	165.3180, 70.6470, 35.7590

Conversions

Conversions Part 2

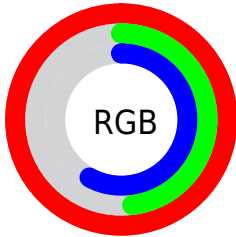
Format	Color
R _Y B	255, 123, 148
Decimal	16743316
CIE Lab	67.69, 52.53, 10.68
CIE LCh	68, 53.606, 11.492
Yxy	37.5524, 0.4339, 0.3036
Android (android.graphics.Color)	4294933396 (0xFFFF7B94)
YUV	165.3180, -8.5378, 78.6511
Hunter-Lab	61.2800, 49.0833, 11.4859

Details

The YIQ color **165.3180, 70.6470, 35.7590** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **212.6820, -70.6470, -35.7590**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3460, 37.9130, 23.2650**, and **109.0940, 65.4660, 36.0420** is the 20% darker color. If you saturate the color by 10%, you get **147.6620, 84.5380, 42.8260**, and if you desaturate by 10%, it is **182.3870, 57.0310, 29.2150**.

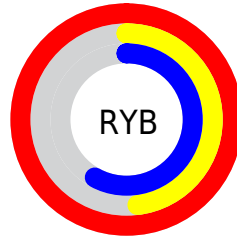
Distribution



Red (100%)

Green (48%)

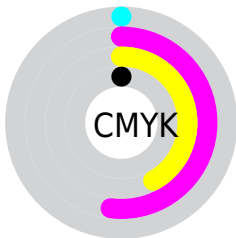
Blue (58%)



Red (100%)

Yellow (48%)

Blue (58%)

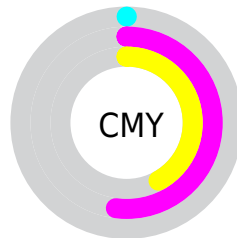


Cyan (0%)

Magenta (52%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.3180, 70.6470, 35.7590 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 165.3180, 70.6470, 35.7590 by changing the saturation by 10% instead.


 165.3180, 70.6470,
35.7590


 165.3180, 70.6470,
35.7590


255.0000, -0.0000,
-0.0000

 137.2360, 67.9420,
35.2220


 204.3460, 37.9130,
23.2650


 109.0940, 65.4660,
36.0420


 223.9740, 21.2250,
17.3290

 80.6640, 63.8610,
37.5970

 243.8470, 5.2250,
9.9370

 46.2930, 63.7680,
44.7920

 35.5270, 53.8210,
32.3250

 24.0060, 44.5620,
18.4020

 15.7760, 30.3500,

11.6460

■ 0.0000, 0.0000,
0.0000

■ 165.3180, 70.6470,
35.7590

■ 165.3180, 70.6470,
35.7590

■ 147.6620, 84.5380,
42.8260

■ 182.3870, 57.0310,
29.2150

■ 130.7070, 97.8330,
49.6810

■ 199.9290, 43.4610,
21.8370

■ 113.0510,
111.7240, 56.7480

■ 216.9980, 29.8450,
15.2930

■ 95.9820, 125.3400,
63.2920

■ 234.6540, 15.9540,
8.2260

■ 81.8310, 136.2510,
69.2990

■ 251.6090, 2.6590,
1.3710

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



168.7560, 43.4110, 44.7790



165.3180, 70.6470, 35.7590



163.9540, 76.7030, 14.1030

Triad

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



165.3180, 70.6470, 35.7590



152.2840, -5.3570, -40.5970



133.5560, -130.8050, -13.7890

Complementary

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



165.3180, 70.6470, 35.7590



212.6820, -70.6470, -35.7590

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.



135.7610, -124.6130, -26.8930



165.3180, 70.6470, 35.7590



134.9830, -73.5330, -49.5410

Square

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



165.3180, 70.6470, 35.7590



158.3510, 37.2350, -30.5490



131.8050, -110.7180, -41.9340



159.4240, -59.0110, 17.7010

Rectangle

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



165.3180, 70.6470, 35.7590



162.7060, 70.9290, -2.4070



131.8050, -110.7180, -41.9340



135.2200, -129.9790, -17.7470

Sweetspot

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



165.3180, 70.6470, 35.7590



227.1710, 21.8680, 11.1800



169.7420, 20.8040, 63.5240



111.0450, 13.2950, 6.8550



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.



165.3180, 70.6470, 35.7590



147.6620, 84.5380, 42.8260



185.9480, 67.6720, 7.0640



119.1150, 7.1060, 3.3780



61.2130, 102.2800, 51.6880



20.5040, 34.2920, 17.3000

Inverse Universe

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



165.3180, 70.6470, 35.7590



147.6620, 84.5380, 42.8260



192.0520, -67.6720, -7.0640



119.1150, 7.1060, 3.3780



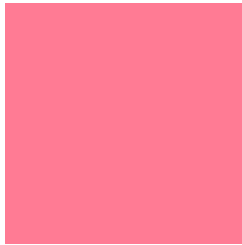
61.2130, 102.2800, 51.6880



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 165.3180, 70.6470, 35.7590 looks on a white background.

Color Contrast Check

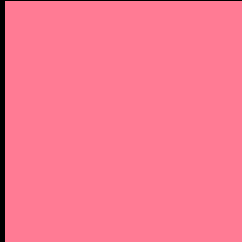
Large Text (above 18pt) WCAG AA × Fail

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 165.3180, 70.6470, 35.7590 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 165.3180, 70.6470, 35.7590

Background



This preview shows how black text looks on a background with the YIQ color 165.3180, 70.6470, 35.7590.



This preview shows how white text looks on a background with the YIQ color 165.3180, 70.6470,

35.7590.

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

165.3180, 70.6470, 35.7590

Protanopia

165.6950, -0.4590, 2.8130

Deuteranopia

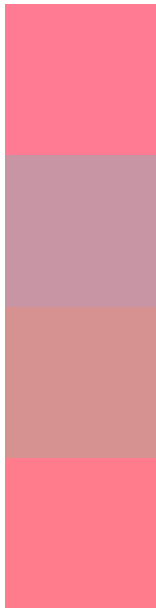
166.0320, 23.3370, 1.0730



Tritanopia

164.5970, 73.9950, 30.1470

Trichromacy



Original Color

165.3180, 70.6470, 35.7590

Protanomaly

165.5460, 25.3060, 14.9540

Deuteranomaly

165.8050, 40.5740, 13.5820

Tritanomaly

164.5800, 72.6650, 32.2250

Monochromacy



Original Color

165.3180, 70.6470, 35.7590

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.3780, 25.7190, 12.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3180, 70.6470, 35.7590 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(255, 123, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 148)  
}
```

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(255, 123, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 148) }
```

Border

The CSS property to change the border of an element to YIQ 165.3180, 70.6470, 35.7590 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(255, 123, 148) }
```


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

```
.border{ border-color:rgb(255, 123, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 123, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3180, 70.6470, 35.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 148) }
```

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

```
.background{ background-color: rgb(255,  
123, 148) }
```

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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