

Converting Colors

YIQ(158.1770, 75.5980, 39.6460)

Have a look what the booklet for
YIQ(158.1770, 75.5980, 39.6460)
contains.

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Color

**YIQ(158.1770, 75.5980,
39.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF708E
RGB	255, 112, 142
RGB Percent	100%, 44%, 56%
CMY	0.0000, 0.5610, 0.4429
CMYK	0.00, 0.56, 0.44, 0.00
HSL	347°, 100%, 72%
HSV	347°, 56%, 100%
XYZ	51.9153, 34.7902, 29.5979
YIQ	158.1770, 75.5980, 39.6460

Conversions

Conversions Part 2

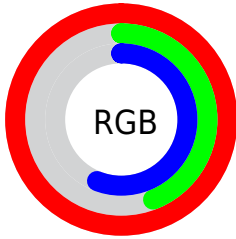
Format	Color
R _Y B	255, 112, 142
Decimal	16740494
CIE Lab	65.59, 57.06, 11.11
CIE LCh	66, 58.128, 11.015
Yxy	34.7902, 0.4464, 0.2991
Android (android.graphics.Color)	4294930574 (0xFFFF708E)
YUV	158.1770, -7.9753, 84.9138
Hunter-Lab	58.9832, 53.8899, 11.5364

Details

The YIQ color **158.1770, 75.5980, 39.6460** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.8230, -75.5980, -39.6460**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2050, 42.8640, 27.1520**, and **100.7790, 70.9670, 40.9750** is the 20% darker color. If you saturate the color by 10%, you get **140.6350, 89.1680, 47.0240**, and if you desaturate by 10%, it is **175.1320, 62.3030, 32.7910**.

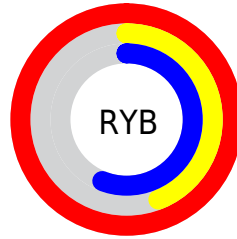
Distribution



Red (100%)

Green (44%)

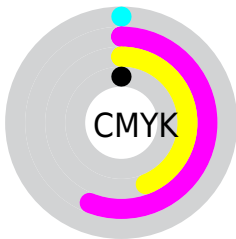
Blue (56%)



Red (100%)

Yellow (44%)

Blue (56%)

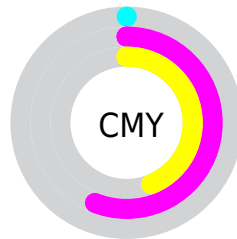


Cyan (0%)

Magenta (56%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.1770, 75.5980, 39.6460 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 158.1770, 75.5980, 39.6460 by changing the saturation by 10% instead.

 158.1770, 75.5980,
39.6460


 158.1770, 75.5980,
39.6460


255.0000, -0.0000,
-0.0000

 129.6220, 72.8470,
39.9430


 197.2050, 42.8640,
27.1520


 100.7790, 70.9670,
40.9750


 217.3060, 26.2220,
20.3820

 68.6420, 70.0950,
45.7670

 237.6350, 8.9380,
14.2340

 45.4240, 64.7770,
43.0250

 34.4730, 53.9130,
30.6570

 23.1370, 45.5710,
16.6350

 14.8790, 28.5620,

11.0100

■ 0.0000, 0.0000,
0.0000

■ 158.1770, 75.5980,
39.6460

■ 158.1770, 75.5980,
39.6460

■ 140.6350, 89.1680,
47.0240

■ 175.1320, 62.3030,
32.7910

■ 123.6800,
102.4630, 53.8790

■ 192.6740, 48.7330,
25.4130

■ 106.1380,
116.0330, 61.2570

■ 209.6290, 35.4380,
18.5580

■ 89.1830, 129.3280,
68.1120

■ 227.2850, 21.5470,
11.4910

■ 82.4010, 134.6460,
70.8540

■ 244.2400, 8.2520,
4.6360

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.



162.2450, 46.5280, 48.8640



158.1770, 75.5980, 39.6460



156.6450, 82.0670, 16.0110

Triad

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



158.1770, 75.5980, 39.6460



144.8770, -5.7690, -44.1450



131.2080, -129.7050, -11.6970

Complementary

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



158.1770, 75.5980, 39.6460



208.8230, -75.5980, -39.6460

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.



132.5980, -122.5960, -24.9000



158.1770, 75.5980, 39.6460



120.8560, -89.5330, -56.9330

Square

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



158.1770, 75.5980, 39.6460



151.6840, 40.4910, -34.4930



128.8870, -108.0130, -41.3970



151.1070, -68.3640, 16.5000

Rectangle

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



158.1770, 75.5980, 39.6460



156.5170, 75.8350, -3.2130



128.8870, -108.0130, -41.3970



132.9860, -129.2000, -15.3440

Sweetspot

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



158.1770, 75.5980, 39.6460



225.8830, 22.7390, 11.9150



161.7900, 20.8490, 68.2170



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.



158.1770, 75.5980, 39.6460



139.2330, 90.3600, 47.4480



178.2370, 74.2280, 9.3960



119.1150, 7.1060, 3.3780



61.6690, 100.9960, 52.9320



20.6180, 33.9710, 17.6110

Inverse Universe

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



158.1770, 75.5980, 39.6460



139.2330, 90.3600, 47.4480



188.1760, -73.9530, -8.8730



119.1150, 7.1060, 3.3780



61.6690, 100.9960, 52.9320



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 158.1770, 75.5980, 39.6460 looks on a white background.

Color Contrast Check

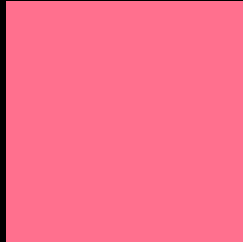
Large Text (above 18pt) WCAG AA × Fail

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 158.1770, 75.5980, 39.6460 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 158.1770, 75.5980, 39.6460

Background



This preview shows how black text looks on a background with the YIQ color 158.1770, 75.5980, 39.6460.



This preview shows how white text looks on a background with the YIQ color 158.1770, 75.5980,

39.6460.

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

158.1770, 75.5980, 39.6460

Protanopia

160.3250, -2.2930, 3.0110

Deuteranopia

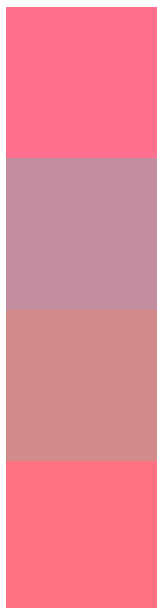
160.8040, 23.9790, 0.4510



Tritanopia

157.4730, 80.2760, 31.9560

Trichromacy



Original Color

158.1770, 75.5980, 39.6460

Protanomaly

159.7850, 26.1310, 16.5230

Deuteranomaly

160.1150, 42.6370, 14.7410

Tritanomaly

157.6840, 78.3040, 34.6560

Monochromacy



Original Color

158.1770, 75.5980, 39.6460

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8020, 27.4610, 14.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.1770, 75.5980, 39.6460 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, 112, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 142)  
}
```

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, 112, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 142) }
```

Border

The CSS property to change the border of an element to YIQ 158.1770, 75.5980, 39.6460 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, 112, 142) }
```


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

```
.border{ border-color:rgb(255, 112, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 112, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 112, 142); box-shadow:4px 4px 4px 4px rgb(255, 112, 142) }
```

Background

The CSS property to change the background color of an element to YIQ 158.1770, 75.5980, 39.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 142) }
```

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

```
.background{ background-color: rgb(255,  
112, 142) }
```

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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