

Converting Colors

YIQ(159.4790, 62.9440, 37.6960)

Have a look what the booklet for
YIQ(159.4790, 62.9440, 37.6960)
contains.

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Color

**YIQ(159.4790, 62.9440,
37.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	F3769A
RGB	243, 118, 154
RGB Percent	95%, 46%, 60%
CMY	0.0467, 0.5374, 0.3959
CMYK	0.00, 0.51, 0.37, 0.05
HSL	343°, 84%, 71%
HSV	343°, 51%, 95%
XYZ	49.3000, 34.3487, 34.6281
YIQ	159.4790, 62.9440, 37.6960

Conversions

Conversions Part 2

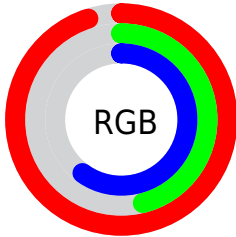
Format	Color
R _Y B	243, 118, 154
Decimal	15955610
CIE Lab	65.24, 51.57, 3.55
CIE LCh	65, 51.691, 3.937
Yxy	34.3487, 0.4168, 0.2904
Android (android.graphics.Color)	4294145690 (0xFFFF3769A)
YUV	159.4790, -2.7011, 73.2479
Hunter-Lab	58.6078, 47.5881, 5.9942

Details

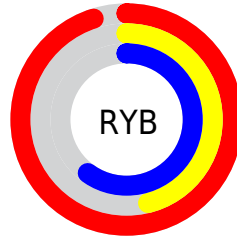
The YIQ color **159.4790, 62.9440, 37.6960** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **201.5210, -62.9440, -37.6960**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5080, 37.6370, 28.2690**, and **104.0270, 58.4050, 37.3570** is the 20% darker color. If you saturate the color by 10%, you get **143.4530, 75.0010, 44.9610**, and if you desaturate by 10%, it is **175.5050, 50.8870, 30.4310**.

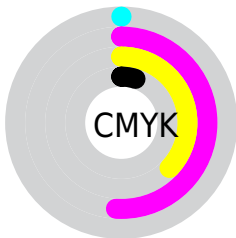
Distribution



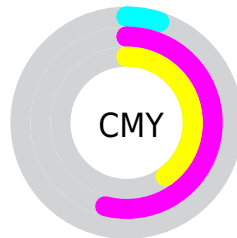
- Red (95%)
- Green (46%)
- Blue (60%)



- Red (95%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (51%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.4790, 62.9440, 37.6960 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 159.4790, 62.9440, 37.6960 by changing the saturation by 10% instead.


 159.4790, 62.9440,
37.6960


 159.4790, 62.9440,
37.6960


255.0000, -0.0000,
-0.0000


 131.6960, 60.8350,
37.3710


 201.5080, 37.6370,
28.2690


 104.0270, 58.4050,
37.3570


 221.8370, 20.3530,
22.1210


 75.0100, 57.0750,
39.4350

 240.9120, 6.6000,
12.5520

 44.1720, 56.7990,
44.4390

 32.9930, 46.5770,
31.4490

 22.4120, 37.5470,
18.8830

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 159.4790, 62.9440,
37.6960

■ 159.4790, 62.9440,
37.6960

■ 143.4530, 75.0010,
44.9610

■ 175.5050, 50.8870,
30.4310

■ 126.7260, 87.6540,
52.4380

■ 192.2320, 38.2340,
22.9540

■ 110.7000, 99.7110,
59.7030

■ 208.2580, 26.1770,
15.6890

■ 94.6740, 111.7680,
66.9680

■ 224.2840, 14.1200,
8.4240

■ 80.6370, 122.3580,
73.2860

■ 240.4240, 1.7420,
1.4700

251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



162.5420, 32.2700, 42.9420



159.4790, 62.9440, 37.6960



157.5610, 73.6760, 19.4040

Triad

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



159.4790, 62.9440, 37.6960



148.4380, 6.0130, -37.4030



129.6120, -125.2110, -16.0510

Complementary

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



159.4790, 62.9440, 37.6960



201.5210, -62.9440, -37.6960

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.



129.4860, -116.5890, -29.1410



159.4790, 62.9440, 37.6960



137.1450, -47.4460, -43.2380

Square

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



159.4790, 62.9440, 37.6960



153.2210, 43.6530, -25.7150



124.8290, -102.0980, -43.9700



147.6390, -75.9740, 11.2420

Rectangle

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



159.4790, 62.9440, 37.6960



156.8080, 70.8820, 3.9540



124.8290, -102.0980, -43.9700



130.3470, -123.1470, -20.4190

Sweetspot

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



159.4790, 62.9440, 37.6960



229.6160, 19.1170, 11.4770



158.5620, 12.3230, 57.5310



112.5610, 11.7820, 6.7420



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.



159.4790, 62.9440, 37.6960



149.4860, 79.4020, 47.8020



170.0500, 67.6250, 13.4250



114.0440, 5.8680, 3.7880



61.7700, 93.5220, 56.2260



19.5790, 29.7070, 17.7950

Inverse Universe

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



159.4790, 62.9440, 37.6960



149.4860, 79.4020, 47.8020



190.9500, -67.6250, -13.4250



114.0440, 5.8680, 3.7880



61.7700, 93.5220, 56.2260



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 159.4790, 62.9440, 37.6960 looks on a white background.

Color Contrast Check

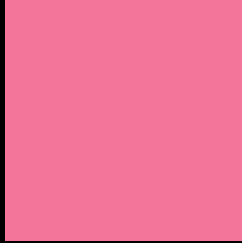
Large Text (above 18pt) WCAG AA × Fail

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 159.4790, 62.9440, 37.6960 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 159.4790, 62.9440, 37.6960

Background



This preview shows how black text looks on a background with the YIQ color 159.4790, 62.9440, 37.6960.



This preview shows how white text looks on a background with the YIQ color 159.4790, 62.9440,

37.6960.

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

159.4790, 62.9440, 37.6960

Protanopia

159.5680, -7.2910, 5.4850

Deuteranopia

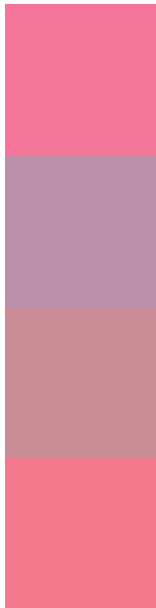
159.9050, 16.5050, 3.7450



Tritanopia

158.6070, 68.0350, 28.0270

Trichromacy



Original Color

159.4790, 62.9440, 37.6960

Protanomaly

159.4190, 18.4740, 17.6260

Deuteranomaly

159.6780, 33.7420, 16.2540

Tritanomaly

159.2310, 66.3380, 31.2500

Monochromacy



Original Color

159.4790, 62.9440, 37.6960

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2360, 23.2430, 13.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4790, 62.9440, 37.6960 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(243, 118, 154)` looks like.

```
.text, #text, p{  
    color:rgb(243, 118, 154)  
}
```

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(243, 118, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 118, 154) }
```

Border

The CSS property to change the border of an element to YIQ 159.4790, 62.9440, 37.6960 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(243, 118, 154) }
```


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

```
.border{ border-color:rgb(243, 118, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 118, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 118, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 118, 154);  
box-shadow:4px 4px 4px 4px rgb(243, 118,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4790, 62.9440, 37.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 118, 154) }
```

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

```
.background{ background-color: rgb(243,  
118, 154) }
```

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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