

Converting Colors

YIQ(159.9040, 62.9450, 32.1690)

Have a look what the booklet for
YIQ(159.9040, 62.9450, 32.1690)
contains.

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Color

**YIQ(159.9040, 62.9450,
32.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	F07A91
RGB	240, 122, 145
RGB Percent	94%, 48%, 57%
CMY	0.0585, 0.5217, 0.4311
CMYK	0.00, 0.49, 0.40, 0.06
HSL	348°, 80%, 71%
HSV	348°, 49%, 94%
XYZ	48.0296, 34.4915, 30.9381
YIQ	159.9040, 62.9450, 32.1690

Conversions

Conversions Part 2

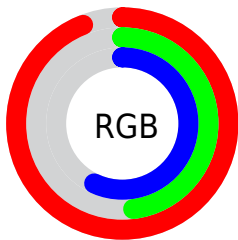
Format	Color
RYB	240, 122, 145
Decimal	15760017
CIELab	65.35, 47.60, 8.78
CIElCh	65, 48.406, 10.445
Yxy	34.4915, 0.4233, 0.3040
Android (android.graphics.Color)	4293950097 (0xFFFF07A91)
YUV	159.9040, -7.3477, 70.2442
Hunter-Lab	58.7295, 43.2026, 9.8773

Details

The YIQ color **159.9040, 62.9450, 32.1690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **202.0960, -62.9450, -32.1690**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.8300, 39.4260, 23.3780**, and **105.1530, 57.8100, 31.6180** is the 20% darker color. If you saturate the color by 10%, you get **143.6500, 75.6440, 38.8120**, and if you desaturate by 10%, it is **176.1580, 50.2460, 25.5260**.

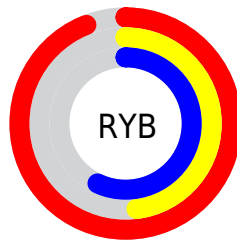
Distribution



Red (94%)

Green (48%)

Blue (57%)



Red (94%)

Yellow (48%)

Blue (57%)

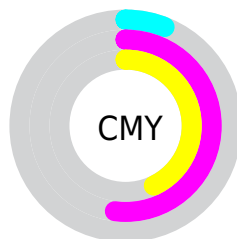


Cyan (0%)

Magenta (49%)

Yellow (40%)

Black (6%)



Cyan (6%)


Magenta (52%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.9040, 62.9450, 32.1690 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 159.9040, 62.9450, 32.1690 by changing the saturation by 10% instead.


 159.9040, 62.9450,
32.1690


 159.9040, 62.9450,
32.1690


255.0000, -0.0000,
-0.0000

 132.1210, 60.8360,
31.8440


 202.8300, 39.4260,
23.3780


 105.4520, 58.4060,
31.8300


 222.4580, 22.7380,
17.4420

 77.3100, 55.9300,
32.6500

 242.6730, 5.7750,
10.9830

 45.2980, 56.2040,
38.7000

 31.5970, 47.6320,
28.8480

 20.4460, 40.2070,
14.7270

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 159.9040, 62.9450,
32.1690

■ 159.9040, 62.9450,
32.1690

■ 143.6500, 75.6440,
38.8120

■ 176.1580, 50.2460,
25.5260

■ 127.2820, 88.6640,
45.1440

■ 192.5260, 37.2260,
19.1940

■ 111.0280,
101.3630, 51.7870

■ 208.7800, 24.5270,
12.5510

■ 94.7740, 114.0620,
58.4300

■ 225.0340, 11.8280,
5.9080

■ 78.5200, 126.7610,
65.0730

■ 241.4020, -1.1920,
-0.4240

■ 77.1180, 127.9530,
65.4970

■ 250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



162.4840, 38.1850, 40.3690



159.9040, 62.9450, 32.1690



158.5340, 69.1380, 13.5380

Triad

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



159.9040, 62.9450, 32.1690



148.0010, -2.8820, -35.8900



127.7370, -124.0650, -14.7930

Complementary

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



159.9040, 62.9450, 32.1690



202.0960, -62.9450, -32.1690

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.



128.8820, -117.6440, -26.5400



159.9040, 62.9450, 32.1690



136.4090, -56.9370, -41.9370

Square

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



159.9040, 62.9450, 32.1690



153.3170, 34.5750, -26.3930



125.9690, -105.3080, -40.8600



154.3490, -54.4260, 17.2060

Rectangle

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



159.9040, 62.9450, 32.1690



157.5250, 64.1890, -1.4030



125.9690, -105.3080, -40.8600



128.7000, -122.6430, -18.5390

Sweetspot

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



159.9040, 62.9450, 32.1690



229.1600, 20.4010, 10.2330



163.5580, 18.1460, 56.6260



112.3330, 12.4240, 6.1200



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.



159.9040, 62.9450, 32.1690



153.1560, 80.0910, 40.8190



177.8270, 60.7030, 6.7110



111.8160, 6.5100, 3.1660



59.1200, 98.1080, 50.2040



17.9980, 29.8450, 15.2930

Inverse Universe

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



159.9040, 62.9450, 32.1690



153.1560, 80.0910, 40.8190



184.1730, -60.7030, -6.7110



111.8160, 6.5100, 3.1660



59.1200, 98.1080, 50.2040



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 159.9040, 62.9450, 32.1690 looks on a white background.

Color Contrast Check

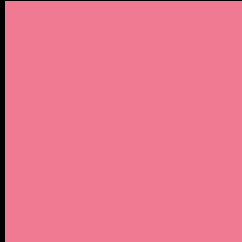
Large Text (above 18pt) WCAG AA × Fail

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 159.9040, 62.9450, 32.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

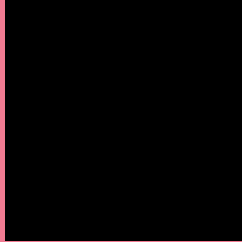
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.9040, 62.9450, 32.1690

Background



This preview shows how black text looks on a background with the YIQ color 159.9040, 62.9450, 32.1690.



This preview shows how white text looks on a background with the YIQ color 159.9040, 62.9450,

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

159.9040, 62.9450, 32.1690

Protanopia

159.3960, -1.0550, 2.6010

Deuteranopia

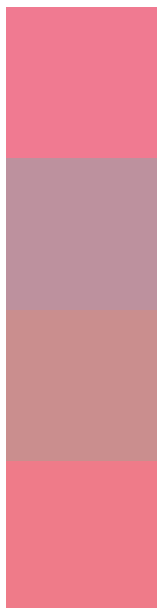
159.8900, 20.8610, 1.8930



Tritanopia

159.4110, 65.6510, 27.1790

Trichromacy



Original Color

159.9040, 62.9450, 32.1690

Protanomaly

159.6380, 22.0510, 13.3710

Deuteranomaly

159.9400, 35.7600, 12.7200

Tritanomaly

159.2800, 64.6420, 28.9460

Monochromacy



Original Color

159.9040, 62.9450, 32.1690

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8830, 22.7390, 11.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.9040, 62.9450, 32.1690 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(240, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(240, 122, 145)  
}
```

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(240, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 122, 145) }
```

Border

The CSS property to change the border of an element to YIQ 159.9040, 62.9450, 32.1690 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(240, 122, 145) }
```


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

```
.border{ border-color:rgb(240, 122, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 122, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(240, 122,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 159.9040, 62.9450, 32.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 122, 145) }
```

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

```
.background{ background-color: rgb(240,  
122, 145) }
```

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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