

Converting Colors

YIQ(158.8010, 64.7330, 32.8050)

Have a look what the booklet for
YIQ(158.8010, 64.7330, 32.8050)
contains.

YIQ(158.8010, 64.7330, 32.8050)	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(158.8010, 64.7330,
32.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	F1788F
RGB	241, 120, 143
RGB Percent	95%, 47%, 56%
CMY	0.0546, 0.5296, 0.4390
CMYK	0.00, 0.50, 0.41, 0.05
HSL	349°, 81%, 71%
HSV	349°, 50%, 95%
XYZ	47.9749, 34.1201, 30.0681
YIQ	158.8010, 64.7330, 32.8050

Conversions

Conversions Part 2

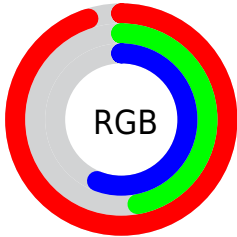
Format	Color
R _Y B	241, 120, 143
Decimal	15825039
CIE Lab	65.06, 48.72, 9.51
CIE LCh	65, 49.636, 11.051
Yxy	34.1201, 0.4277, 0.3042
Android (android.graphics.Color)	4294015119 (0xFFFF1788F)
YUV	158.8010, -7.7899, 72.0885
Hunter-Lab	58.4124, 44.3827, 10.3688

Details

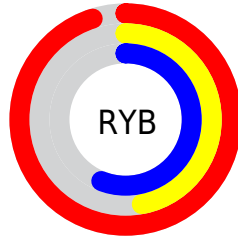
The YIQ color **158.8010, 64.7330, 32.8050** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **202.1990, -64.7330, -32.8050**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4280, 40.6180, 23.8020**, and **103.4630, 59.8730, 32.7770** is the 20% darker color. If you saturate the color by 10%, you get **142.5470, 77.4320, 39.4480**, and if you desaturate by 10%, it is **175.1690, 51.7130, 26.4730**.

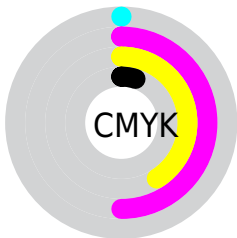
Distribution



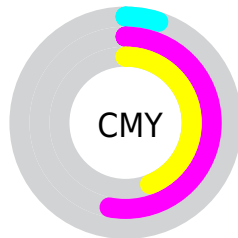
- Red (95%)
- Green (47%)
- Blue (56%)



- Red (95%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.8010, 64.7330, 32.8050 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 158.8010, 64.7330, 32.8050 by changing the saturation by 10% instead.


 158.8010, 64.7330,
32.8050


 158.8010, 64.7330,
32.8050


255.0000, -0.0000,
-0.0000


 131.1320, 62.3030,
32.7910


 201.4280, 40.6180,
23.8020


 103.4630, 59.8730,
32.7770


 221.0560, 23.9300,
17.8660

 75.7340, 57.6720,
34.1200

 241.2710, 6.9670,
11.4070

 42.1350, 58.2210,
40.6930

 31.4830, 47.9530,
28.5370

 20.3320, 40.5280,
14.4160

 12.0740, 23.5190,

8.7910

■ 0.0000, 0.0000,
0.0000

■ 158.8010, 64.7330,
32.8050

■ 158.8010, 64.7330,
32.8050

■ 142.5470, 77.4320,
39.4480

■ 175.1690, 51.7130,
26.4730

■ 126.1790, 90.4520,
45.7800

■ 191.4230, 39.0140,
19.8300

■ 109.9250,
103.1510, 52.4230

■ 207.7910, 25.9940,
13.4980

■ 93.5570, 116.1710,
58.7550

■ 224.0450, 13.2950,
6.8550

■ 77.3030, 128.8700,
65.3980

■ 240.4130, 0.2750,
0.5230

250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



161.4950, 39.6520, 41.3160



158.8010, 64.7330, 32.8050



157.0180, 70.6510, 13.6510

Triad

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



158.8010, 64.7330, 32.8050



146.8760, -4.0280, -37.1480



127.2640, -124.1110, -13.9590

Complementary

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



158.8010, 64.7330, 32.8050



202.1990, -64.7330, -32.8050

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.



128.9960, -117.9650, -26.2290



158.8010, 64.7330, 32.8050



133.0170, -61.7050, -43.6330

Square

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



158.8010, 64.7330, 32.8050



152.3770, 34.3460, -27.7500



125.3820, -105.0330, -40.3370



153.2780, -55.6640, 17.6160

Rectangle

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



158.8010, 64.7330, 32.8050



156.4820, 65.7480, -2.1240



125.3820, -105.0330, -40.3370



128.9280, -123.2850, -17.9170

Sweetspot

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



158.8010, 64.7330, 32.8050



229.1600, 20.4010, 10.2330



162.7970, 18.9710, 58.1950



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.



158.8010, 64.7330, 32.8050



151.0530, 81.8790, 41.4550



177.3110, 62.2160, 6.8240



111.8160, 6.5100, 3.1660



59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Inverse Universe

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



158.8010, 64.7330, 32.8050



151.0530, 81.8790, 41.4550



183.6890, -62.2160, -6.8240



111.8160, 6.5100, 3.1660



59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 158.8010, 64.7330, 32.8050 looks on a white background.

Color Contrast Check

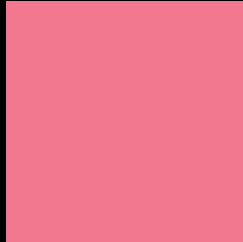
Large Text (above 18pt) WCAG AA × Fail

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 158.8010, 64.7330, 32.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

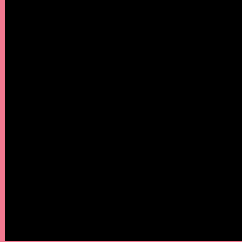
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.8010, 64.7330, 32.8050

Background



This preview shows how black text looks on a background with the YIQ color 158.8010, 64.7330, 32.8050.



This preview shows how white text looks on a background with the YIQ color 158.8010, 64.7330,

32.8050.

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

158.8010, 64.7330, 32.8050

Protanopia

158.6950, -0.4590, 2.8130

Deuteranopia

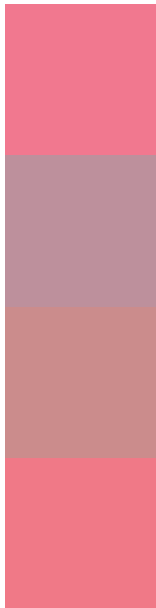
159.0750, 21.7780, 1.7940



Tritanopia

158.3080, 67.4390, 27.8150

Trichromacy



Original Color

158.8010, 64.7330, 32.8050

Protanomaly

158.8230, 22.9680, 13.2720

Deuteranomaly

158.8370, 37.5480, 13.3560

Tritanomaly

158.1770, 66.4300, 29.5820

Monochromacy



Original Color

158.8010, 64.7330, 32.8050

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.0680, 23.6560, 11.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.8010, 64.7330, 32.8050 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(241, 120, 143)` looks like.

```
.text, #text, p{  
    color:rgb(241, 120, 143)  
}
```

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(241, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 120, 143) }
```

Border

The CSS property to change the border of an element to YIQ 158.8010, 64.7330, 32.8050 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(241, 120, 143) }
```


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

```
.border{ border-color:rgb(241, 120, 143) }
```

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

Here you see how a box with a 4 pixel rgb(241, 120, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(241, 120,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 158.8010, 64.7330, 32.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 120, 143) }
```

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

```
.background{ background-color: rgb(241,  
120, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor