

Converting Colors

YIQ(175.4740, 69.3670, 14.8950)

Have a look what the booklet for
YIQ(175.4740, 69.3670, 14.8950)
contains.

| | |
|--|----|
| YIQ(175.4740, 69.3670, 14.8950) | 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(175.4740, 69.3670,
14.8950)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB937C |
| RGB | 251, 147, 124 |
| RGB Percent | 98%, 58%, 49% |
| CMY | 0.0155, 0.4237, 0.5134 |
| CMYK | 0.00, 0.41, 0.51, 0.02 |
| HSL | 11°, 94%, 74% |
| HSV | 11°, 51%, 98% |
| XYZ | 53.8748, 42.8312, 24.5213 |
| YIQ | 175.4740, 69.3670, 14.8950 |

Conversions

Conversions Part 2

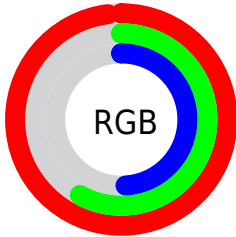
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 152, 124 |
| Decimal | 16487292 |
| CIE Lab | 71.44, 36.90, 29.08 |
| CIE LCh | 71, 46.978, 38.240 |
| Yxy | 42.8312, 0.4444, 0.3533 |
| Android (android.graphics.Color) | 4294677372 (0xFFFB937C) |
| YUV | 175.4740, -25.3767, 66.2363 |
| Hunter-Lab | 65.4456, 32.4115, 23.5970 |

Details

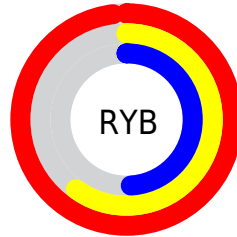
The YIQ color **175.4740, 69.3670, 14.8950** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **199.5260, -69.3670, -14.8950**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9970, 39.6130, 3.4610**, and **121.4240, 63.6360, 14.1320** is the 20% darker color. If you saturate the color by 10%, you get **160.2970, 83.1670, 18.1030**, and if you desaturate by 10%, it is **190.6510, 55.5670, 11.6870**.

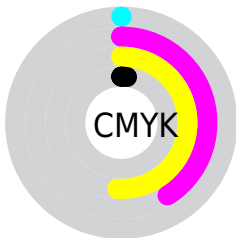
Distribution



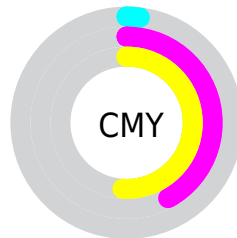
- Red (98%)
- Green (58%)
- Blue (49%)



- Red (98%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (2%)




- Cyan (2%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.4740, 69.3670, 14.8950 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 175.4740, 69.3670, 14.8950 by changing the saturation by 10% instead.


 175.4740, 69.3670,
14.8950


 175.4740, 69.3670,
14.8950


255.0000, -0.0000,
-0.0000


 147.8050, 66.9370,
14.8810


 214.9970, 39.6130,
3.4610

 121.4240, 63.6360,
14.1320


 235.0980, 22.9710,
-3.3090

 94.5700, 60.2890,
14.2170

 252.4920, 7.0620,
-6.8420

 68.7160, 56.9420,
14.3020

 42.4600, 54.7870,
14.8110

 22.7240, 45.2960,
16.1120

 15.0640, 29.4790,

10.9110

■ 0.0000, 0.0000,
0.0000

■ 175.4740, 69.3670,
14.8950

■ 175.4740, 69.3670,
14.8950

■ 160.2970, 83.1670,
18.1030

■ 190.6510, 55.5670,
11.6870

■ 145.7070, 96.6920,
20.7880

■ 205.2410, 42.0420,
9.0020

■ 130.5300,
110.4920, 23.9960

■ 220.4180, 28.2420,
5.7940

■ 115.9400,
124.0170, 26.6810

■ 235.0080, 14.7170,
3.1090

■ 101.4640,
137.2210, 29.6770

■ 250.2990, 0.5960,
0.2120

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



177.2350, 60.5150, 32.1550



175.4740, 69.3670, 14.8950



173.2100, 60.5220, -6.5340

Triad

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



175.4740, 69.3670, 14.8950



156.3670, -47.9510, -39.5910



169.7680, -54.2880, 14.7040

Complementary

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



175.4740, 69.3670, 14.8950



199.5260, -69.3670, -14.8950

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.



139.3120, -133.2340, -19.3300



175.4740, 69.3670, 14.8950



136.8430, -113.8810, -45.1850

Square

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



175.4740, 69.3670, 14.8950



165.4960, 0.0980, -34.8300



140.3430, -126.4920, -31.3880



178.9270, -5.7830, 33.2330

Rectangle

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



175.4740, 69.3670, 14.8950



171.6930, 45.4400, -19.5520



140.3430, -126.4920, -31.3880



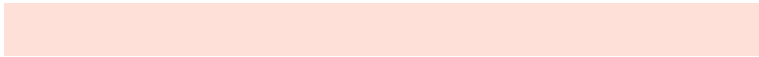
164.0320, -72.9470, 5.9410

Sweetspot

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



175.4740, 69.3670, 14.8950



232.4710, 20.7230, 4.3950



174.0570, 41.6660, 59.8900



114.2250, 12.6080, 2.7840



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.



175.4740, 69.3670, 14.8950



162.0800, 85.2760, 18.4280



211.8680, 52.3170, -17.5310



117.6480, 6.9230, 1.1870



76.4690, 103.2940, 22.2860



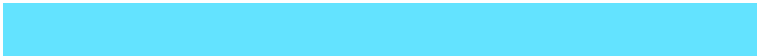
24.6960, 33.3310, 7.1790

Inverse Universe

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



199.5260, -69.3670, -14.8950



191.9200, -85.2760, -18.4280



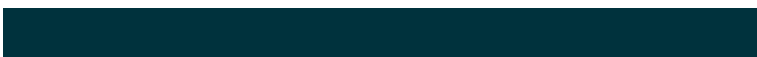
163.1320, -52.3170, 17.5310



119.9390, -7.1980, -1.7100



112.5310, -103.2940, -22.2860



36.3040, -33.3310, -7.1790

Previews

White Background



This preview shows how the YIQ color 175.4740, 69.3670, 14.8950 looks on a white background.

Color Contrast Check

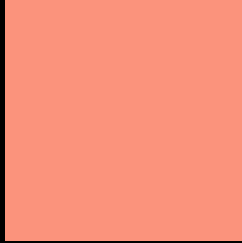
Large Text (above 18pt) WCAG AA × Fail

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 175.4740, 69.3670, 14.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

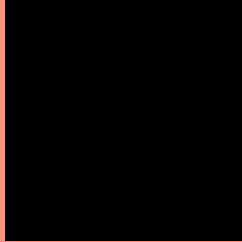
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.4740, 69.3670, 14.8950

Background



This preview shows how black text looks on a background with the YIQ color 175.4740, 69.3670, 14.8950.

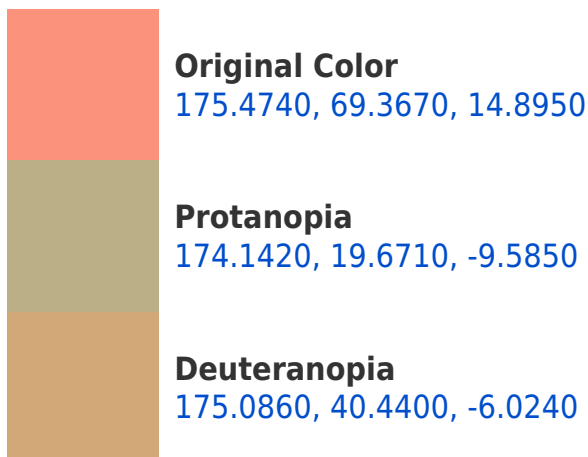


This preview shows how white text looks on a background with the YIQ color 175.4740, 69.3670,

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





Tritanopia

177.0300, 62.3500, 26.4300

Trichromacy



Original Color

175.4740, 69.3670, 14.8950

Protanomaly

174.6930, 37.4130, -0.7230

Deuteranomaly

174.9890, 51.2590, 1.6510

Tritanomaly

176.0640, 65.0100, 22.2740

Monochromacy



Original Color

175.4740, 69.3670, 14.8950

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.3360, 25.5370, 5.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4740, 69.3670, 14.8950 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(251, 147, 124)` looks like.

```
.text, #text, p{  
    color:rgb(251, 147, 124)  
}
```

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(251, 147, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 147, 124) }
```

Border

The CSS property to change the border of an element to YIQ 175.4740, 69.3670, 14.8950 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(251, 147, 124) }
```


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

```
.border{ border-color:rgb(251, 147, 124) }
```

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

Here you see how a box with a 4 pixel rgb(251, 147, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 147, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 147, 124);  
box-shadow:4px 4px 4px 4px rgb(251, 147,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4740, 69.3670, 14.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 147, 124) }
```

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

```
.background{ background-color: rgb(251,  
147, 124) }
```

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