

Converting Colors

YIQ(171.8900, 73.5870, 4.4910)

Have a look what the booklet for
YIQ(171.8900, 73.5870, 4.4910)
contains.

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Color

**YIQ(171.8900, 73.5870,
4.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	F59562
RGB	245, 149, 98
RGB Percent	96%, 58%, 38%
CMY	0.0390, 0.4158, 0.6153
CMYK	0.00, 0.39, 0.60, 0.04
HSL	21°, 88%, 67%
HSV	21°, 60%, 96%
XYZ	50.6233, 41.7870, 16.9738
YIQ	171.8900, 73.5870, 4.4910

Conversions

Conversions Part 2

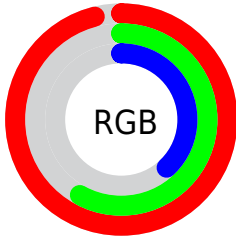
Format	Color
R _Y B	245, 176, 98
Decimal	16094562
CIE Lab	70.72, 31.49, 41.88
CIE LCh	71, 52.401, 53.065
Yxy	41.7870, 0.4628, 0.3820
Android (android.graphics.Color)	4294284642 (0xFFFF59562)
YUV	171.8900, -36.4278, 64.1175
Hunter-Lab	64.6429, 26.6624, 29.6818

Details

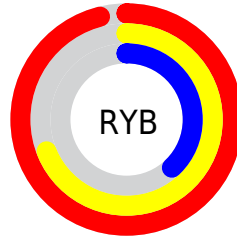
The YIQ color **171.8900, 73.5870, 4.4910** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **171.1100, -73.5870, -4.4910**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.0930, 47.7300, -5.9820**, and **117.5410, 67.2600, 3.5160** is the 20% darker color. If you saturate the color by 10%, you get **159.7620, 85.6910, 5.3950**, and if you desaturate by 10%, it is **184.1320, 61.1620, 3.8980**.

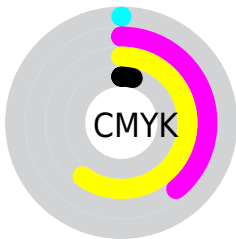
Distribution



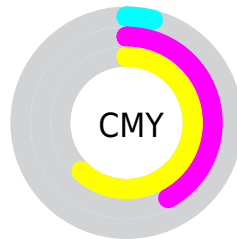
- Red (96%)
- Green (58%)
- Blue (38%)



- Red (96%)
- Yellow (69%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (4%)



- Cyan (4%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.8900, 73.5870, 4.4910 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 171.8900, 73.5870, 4.4910 by changing the saturation by 10% instead.


 171.8900, 73.5870,
4.4910


 171.8900, 73.5870,
4.4910


255.0000, -0.0000,
-0.0000


 144.5090, 70.2860,
3.7420


 213.0930, 47.7300,
-5.9820

 117.5410, 67.2600,
3.5160


 232.6070, 31.3630,
-12.2290


 91.5730, 64.2340,
3.2900

 249.3000, 16.0500,
-15.5500

 65.9640, 61.5750,
1.9190

 252.4920, 7.0620,
-6.8420

 43.0910, 51.2120,
8.0120

 20.6310, 41.1240,
14.6280

 13.5690, 26.4990,

9.8510

■ 0.0000, 0.0000,
0.0000

■ 171.8900, 73.5870,
4.4910

■ 171.8900, 73.5870,
4.4910

■ 159.7620, 85.6910,
5.3950

■ 184.1320, 61.1620,
3.8980

■ 147.5200, 98.1160,
5.9880

■ 196.2600, 49.0580,
2.9940

■ 135.3920,
110.2200, 6.8920

■ 208.5020, 36.6330,
2.4010

■ 123.1500,
122.6450, 7.4850

■ 220.6300, 24.5290,
1.4970

■ 232.8720, 12.1040,
0.9040

■ 245.0000, -0.0000,
0.0000

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



171.2220, 70.5570, 26.3730



171.8900, 73.5870, 4.4910



169.7820, 55.4350, -18.9730

Triad

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



171.8900, 73.5870, 4.4910



133.2920, -105.2600, -52.7480



173.1670, -33.0620, 26.5060

Complementary

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



171.8900, 73.5870, 4.4910



171.1100, -73.5870, -4.4910

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.



148.4730, -105.4060, -6.0300



171.8900, 73.5870, 4.4910



139.4650, -121.2640, -38.0320

Square

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



171.8900, 73.5870, 4.4910



157.1060, -25.3470, -41.7550



140.9760, -132.4080, -23.2880



178.1150, 17.4150, 42.3350

Rectangle

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



171.8900, 73.5870, 4.4910



166.6820, 34.8050, -30.5630



140.9760, -132.4080, -23.2880



168.3170, -51.4000, 17.4320

Sweetspot

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



171.8900, 73.5870, 4.4910



232.1460, 23.0160, 1.3840



153.1250, 56.1540, 61.6420



113.5410, 14.5340, 0.9180



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.



171.8900, 73.5870, 4.4910



163.5840, 92.0640, 5.5360



214.1540, 53.7870, -33.1650



115.9360, 6.0520, 0.4520



93.1820, 93.2560, 5.9600



29.3810, 29.6640, 2.0480

Inverse Universe

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



171.1100, -73.5870, -4.4910



162.4160, -92.0640, -5.5360



129.4330, -54.0620, 32.6420



116.0640, -6.0520, -0.4520



92.8180, -93.2560, -5.9600



29.0320, -29.3890, -1.5250

Previews

White Background



This preview shows how the YIQ color 171.8900, 73.5870, 4.4910 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 171.8900, 73.5870, 4.4910 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 171.8900, 73.5870, 4.4910

Background



This preview shows how black text looks on a background with the YIQ color 171.8900, 73.5870, 4.4910.



This preview shows how white text looks on a background with the YIQ color 171.8900, 73.5870,

4.4910.

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

171.8900, 73.5870, 4.4910

Protanopia

170.2600, 30.7220, -17.1340

Deuteranopia

171.0730, 50.4820, -11.8060



Tritanopia

175.2470, 60.2410, 26.1050

Trichromacy



Original Color

171.8900, 73.5870, 4.4910

Protanomaly

170.6150, 46.0800, -9.1200

Deuteranomaly

171.2530, 58.9630, -5.8130

Tritanomaly

174.4290, 65.2400, 18.1040

Monochromacy



Original Color

171.8900, 73.5870, 4.4910

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.2990, 26.9590, 1.5110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8900, 73.5870, 4.4910 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(245, 149, 98)` looks like.

```
.text, #text, p{  
    color:rgb(245, 149, 98)  
}
```

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(245, 149, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 149, 98) }
```

Border

The CSS property to change the border of an element to YIQ 171.8900, 73.5870, 4.4910 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(245, 149, 98) }
```


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

```
.border{ border-color:rgb(245, 149, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 149, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 149, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 149, 98);  
box-shadow:4px 4px 4px 4px rgb(245, 149,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8900, 73.5870, 4.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 149, 98) }
```

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

```
.background{ background-color: rgb(245,  
149, 98) }
```

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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