

Converting Colors

YIQ(157.8830, 84.6330, 24.5770)

Have a look what the booklet for
YIQ(157.8830, 84.6330, 24.5770)
contains.

YIQ(157.8830, 84.6330, 24.5770)	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(157.8830, 84.6330,
24.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	FE776A
RGB	254, 119, 106
RGB Percent	100%, 47%, 42%
CMY	0.0036, 0.5335, 0.5840
CMYK	0.00, 0.53, 0.58, 0.00
HSL	5°, 99%, 71%
HSV	5°, 58%, 100%
XYZ	50.0985, 35.3085, 17.8345
YIQ	157.8830, 84.6330, 24.5770

Conversions

Conversions Part 2

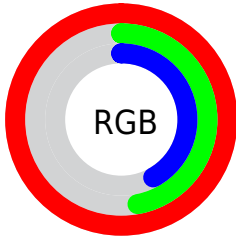
Format	Color
RYB	254, 120, 106
Decimal	16676714
CIELab	65.99, 50.49, 31.93
CIElCh	66, 59.744, 32.307
Yxy	35.3085, 0.4853, 0.3420
Android (android.graphics.Color)	4294866794 (0xFFFE776A)
YUV	157.8830, -25.5783, 84.2946
Hunter-Lab	59.4209, 46.5087, 23.7995

Details

The YIQ color **157.8830, 84.6330, 24.5770** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **202.1170, -84.6330, -24.5770**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3950, 53.4120, 12.1960**, and **102.1750, 77.9390, 24.7470** is the 20% darker color. If you saturate the color by 10%, you get **141.5320, 98.9830, 28.8310**, and if you desaturate by 10%, it is **174.2340, 70.2830, 20.3230**.

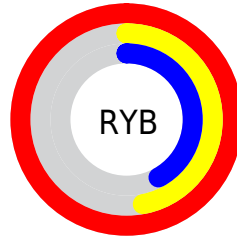
Distribution



Red (100%)

Green (47%)

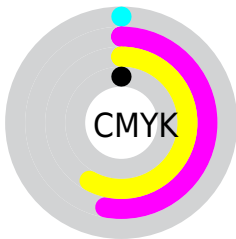
Blue (42%)



Red (100%)

Yellow (47%)

Blue (42%)

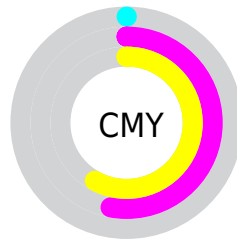


Cyan (0%)

Magenta (53%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.8830, 84.6330, 24.5770 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 157.8830, 84.6330, 24.5770 by changing the saturation by 10% instead.


 157.8830, 84.6330,
24.5770


 157.8830, 84.6330,
24.5770


255.0000, -0.0000,
-0.0000


 130.0290, 81.2860,
24.6620


 196.3950, 53.4120,
12.1960


 102.1750, 77.9390,
24.7470


 216.4960, 36.7700,
5.4260


 73.3750, 74.5000,
26.5000

 236.5970, 20.1280,
-1.3440

 40.9930, 72.9400,
32.7480

 253.4040, 4.4940,
-4.3540

 30.4980, 60.7920,
21.6240

 21.5280, 42.9120,
15.2640

 13.5690, 26.4990,

9.8510

■ 0.0000, 0.0000,
0.0000

■ 157.8830, 84.6330,
24.5770

■ 157.8830, 84.6330,
24.5770

■ 141.5320, 98.9830,
28.8310

■ 174.2340, 70.2830,
20.3230

■ 125.0670,
113.6540, 32.7740

■ 190.6990, 55.6120,
16.3800

■ 108.1290,
128.2790, 37.5510

■ 207.6370, 40.9870,
11.6030

■ 91.6640, 142.9500,
41.4940

■ 224.1020, 26.3160,
7.6600

■ 88.8600, 145.3340,
42.3420

■ 240.4530, 11.9660,
3.4060

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



159.4140, 70.7370, 45.1450



157.8830, 84.6330, 24.5770



157.0610, 77.1190, -4.4570

Triad

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



157.8830, 84.6330, 24.5770



133.1880, -58.1730, -52.5810



136.0910, -106.9660, 0.2180

Complementary

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



157.8830, 84.6330, 24.5770



202.1170, -84.6330, -24.5770

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.



134.1430, -131.0800, -14.3120



157.8830, 84.6330, 24.5770



127.7640, -103.4730, -46.5850

Square

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



157.8830, 84.6330, 24.5770



148.1900, 9.4070, -43.8490



133.2190, -120.2110, -29.5790



163.0750, -20.6390, 38.1530

Rectangle

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



157.8830, 84.6330, 24.5770



155.1540, 62.9550, -23.1010



133.2190, -120.2110, -29.5790



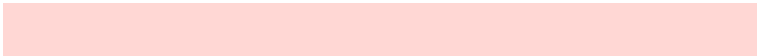
128.8600, -128.6050, -9.6050

Sweetspot

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



157.8830, 84.6330, 24.5770



226.6180, 24.8030, 7.5470



165.7560, 44.5520, 73.6720



110.9480, 14.9460, 4.4660



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.



157.8830, 84.6330, 24.5770



139.0270, 101.9630, 29.8910



200.7340, 64.5580, -13.6020



119.4740, 7.4730, 2.2330



67.0880, 109.1610, 31.6010



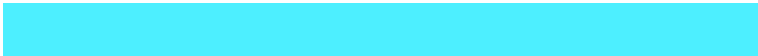
22.6580, 36.4940, 10.4300

Inverse Universe

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



202.1170, -84.6330, -24.5770



192.3860, -101.6880, -29.3680



159.2660, -64.5580, 13.6020



122.9390, -7.1980, -1.7100



124.4990, -109.4360, -32.1240



41.3420, -36.4940, -10.4300

Previews

White Background



This preview shows how the YIQ color 157.8830, 84.6330, 24.5770 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 157.8830, 84.6330, 24.5770 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 157.8830, 84.6330, 24.5770

Background



This preview shows how black text looks on a background with the YIQ color 157.8830, 84.6330, 24.5770.



This preview shows how white text looks on a background with the YIQ color 157.8830, 84.6330,

24.5770.

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

157.8830, 84.6330, 24.5770

Protanopia

160.0710, 18.4330, -9.1750

Deuteranopia

159.8040, 41.1740, -8.3140



Tritanopia

158.4730, 80.2760, 31.9560

Trichromacy



Original Color

157.8830, 84.6330, 24.5770

Protanomaly

159.4380, 42.6850, 2.8530

Deuteranomaly

158.9790, 57.2190, 3.7710

Tritanomaly

158.2620, 82.2480, 29.2560

Monochromacy



Original Color

157.8830, 84.6330, 24.5770

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.0810, 30.8090, 8.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.8830, 84.6330, 24.5770 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(254, 119, 106)` looks like.

```
.text, #text, p{  
    color:rgb(254, 119, 106)  
}
```

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(254, 119, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 119, 106) }
```

Border

The CSS property to change the border of an element to YIQ 157.8830, 84.6330, 24.5770 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(254, 119, 106) }
```


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

```
.border{ border-color:rgb(254, 119, 106) }
```

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

Here you see how a box with a 4 pixel rgb(254, 119, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 119, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 119, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 119,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 157.8830, 84.6330, 24.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 119, 106) }
```

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

```
.background{ background-color: rgb(254,  
119, 106) }
```

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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