

Converting Colors

YIQ(171.6660, 77.5740, 14.8380)

Have a look what the booklet for
YIQ(171.6660, 77.5740, 14.8380)
contains.

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Color

**YIQ(171.6660, 77.5740,
14.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D6F
RGB	255, 141, 111
RGB Percent	100%, 55%, 44%
CMY	0.0000, 0.4472, 0.5644
CMYK	0.00, 0.45, 0.56, 0.00
HSL	12°, 100%, 72%
HSV	12°, 56%, 100%
XYZ	53.6317, 41.4452, 20.2363
YIQ	171.6660, 77.5740, 14.8380

Conversions

Conversions Part 2

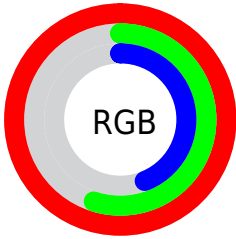
Format	Color
R_{YB}	255, 149, 111
Decimal	16747887
CIE _{Lab}	70.49, 40.38, 34.98
CIE _{LCh}	70, 53.427, 40.898
Yxy	41.4452, 0.4651, 0.3594
Android (android.graphics.Color)	4294937967 (0xFFFF8D6F)
YUV	171.6660, -29.9083, 73.0839
Hunter-Lab	64.3779, 36.0427, 26.4275

Details

The YIQ color **171.6660, 77.5740, 14.8380** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.3340, -77.5740, -14.8380**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.8790, 45.7570, 2.2450**, and **116.8440, 71.2010, 14.6970** is the 20% darker color. If you saturate the color by 10%, you get **157.0760, 91.0990, 17.5230**, and if you desaturate by 10%, it is **186.3700, 63.7280, 12.4640**.

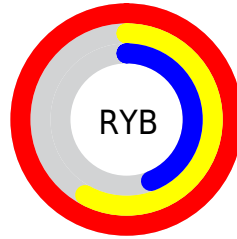
Distribution



Red (100%)

Green (55%)

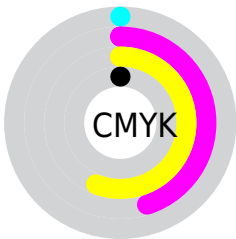
Blue (44%)



Red (100%)

Yellow (58%)

Blue (44%)

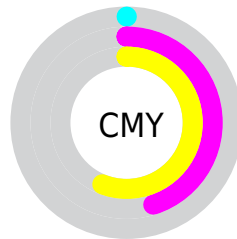


Cyan (0%)

Magenta (45%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.6660, 77.5740, 14.8380 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 171.6660, 77.5740, 14.8380 by changing the saturation by 10% instead.


 171.6660, 77.5740,
14.8380


 171.6660, 77.5740,
14.8380


255.0000, -0.0000,
-0.0000


 143.6980, 74.5480,
14.6120


 209.8790, 45.7570,
2.2450


 116.8440, 71.2010,
14.6970


 229.3930, 29.3900,
-4.0020


 90.5770, 67.5790,
14.2590

 250.1950, 12.1520,
-10.9840

 63.8370, 63.9110,
14.6550

 254.0880, 2.5680,
-2.4880

 34.3300, 61.2050,
19.6450

 22.7240, 45.2960,
16.1120

 15.4770, 29.7540,

11.4340

■ 0.0000, 0.0000,
0.0000

■ 171.6660, 77.5740,
14.8380

■ 171.6660, 77.5740,
14.8380

■ 157.0760, 91.0990,
17.5230

■ 186.3700, 63.7280,
12.4640

■ 142.3720,
104.9450, 19.8970

■ 200.9600, 50.2030,
9.7790

■ 127.1950,
118.7450, 23.1050

■ 216.2510, 36.0820,
6.8820

■ 112.4910,
132.5910, 25.4790

■ 230.8410, 22.5570,
4.1970

■ 107.3560,
137.4050, 26.3410

■ 245.5450, 8.7110,
1.8230

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



170.9260, 65.8790, 34.0630



171.6660, 77.5740, 14.8380



169.9130, 65.6120, -10.6760

Triad

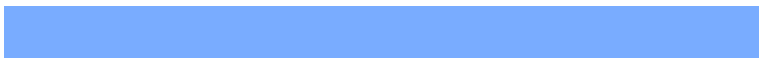
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.6660, 77.5740, 14.8380



145.5600, -67.8480, -47.9440



166.2130, -57.0390, 15.0010

Complementary

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



171.6660, 77.5740, 14.8380



194.3340, -77.5740, -14.8380

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.



138.2520, -133.0050, -17.9730



171.6660, 77.5740, 14.8380



137.1850, -114.8440, -44.2520

Square

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



171.6660, 77.5740, 14.8380



160.4690, -4.4400, -40.6960



140.6680, -128.7850, -28.3770



177.3560, -2.4370, 38.6750

Rectangle

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



171.6660, 77.5740, 14.8380



167.3850, 49.0630, -24.6410



140.6680, -128.7850, -28.3770



157.4870, -81.6580, 4.1180

Sweetspot

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



171.6660, 77.5740, 14.8380



230.1400, 23.1530, 4.4090



167.1660, 48.9090, 66.2930



112.7090, 14.1210, 2.8970



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.



171.6660, 77.5740, 14.8380



154.8590, 93.2080, 17.8480



213.3430, 58.0490, -22.2950



120.0610, 7.1980, 1.7100



80.5890, 102.8360, 19.5720



26.7670, 34.5690, 6.7690

Inverse Universe

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



194.3340, -77.5740, -14.8380



182.1410, -93.2080, -17.8480



152.6570, -58.0490, 22.2950



122.3520, -6.9230, -1.1870



110.9980, -103.1110, -20.0950



37.2330, -34.5690, -6.7690

Previews

White Background



This preview shows how the YIQ color 171.6660, 77.5740, 14.8380 looks on a white background.

Color Contrast Check

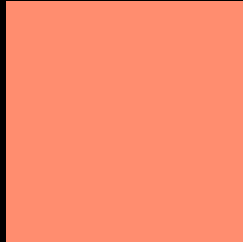
Large Text (above 18pt) WCAG AA × Fail

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 171.6660, 77.5740, 14.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

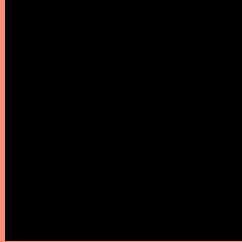
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.6660, 77.5740, 14.8380

Background



This preview shows how black text looks on a background with the YIQ color 171.6660, 77.5740, 14.8380.



This preview shows how white text looks on a background with the YIQ color 171.6660, 77.5740,

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

171.6660, 77.5740, 14.8380

Protanopia

171.3010, 23.4770, -12.4830

Deuteranopia

171.4300, 45.1630, -9.0210



Tritanopia

174.0090, 66.8430, 27.6030

Trichromacy



Original Color

171.6660, 77.5740, 14.8380



Protanomaly

171.1620, 43.2820, -2.4620



Deuteranomaly

171.4580, 57.1280, -0.0880



Tritanomaly

173.1140, 70.7410, 23.0370

Monochromacy



Original Color

171.6660, 77.5740, 14.8380



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

172.0050, 27.9670, 5.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.6660, 77.5740, 14.8380 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(255, 141, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 111)  
}
```

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(255, 141, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 111) }
```

Border

The CSS property to change the border of an element to YIQ 171.6660, 77.5740, 14.8380 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(255, 141, 111) }
```


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

```
.border{ border-color:rgb(255, 141, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 171.6660, 77.5740, 14.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 111) }
```

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

```
.background{ background-color: rgb(255,  
141, 111) }
```

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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