

Converting Colors

YIQ(171.8770, 75.6020, 17.5380)

Have a look what the booklet for
YIQ(171.8770, 75.6020, 17.5380)
contains.

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Color

**YIQ(171.8770, 75.6020,
17.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C76
RGB	255, 140, 118
RGB Percent	100%, 55%, 46%
CMY	0.0000, 0.4511, 0.5369
CMYK	0.00, 0.45, 0.54, 0.00
HSL	10°, 100%, 73%
HSV	10°, 54%, 100%
XYZ	53.8858, 41.3120, 22.2987
YIQ	171.8770, 75.6020, 17.5380

Conversions

Conversions Part 2

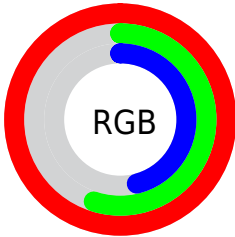
Format	Color
RYB	255, 144, 118
Decimal	16747638
CIELab	70.39, 41.44, 31.07
CIElCh	70, 51.789, 36.861
Yxy	41.3120, 0.4586, 0.3516
Android (android.graphics.Color)	4294937718 (0xFFFF8C76)
YUV	171.8770, -26.5614, 72.8989
Hunter-Lab	64.2744, 37.1692, 24.4226

Details

The YIQ color **171.8770, 75.6020, 17.5380** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **201.1230, -75.6020, -17.5380**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.0900, 43.7850, 4.9450**, and **116.9410, 69.5500, 17.0860** is the 20% darker color. If you saturate the color by 10%, you get **156.7000, 89.4020, 20.7460**, and if you desaturate by 10%, it is **187.1680, 61.4810, 14.6410**.

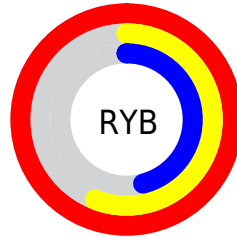
Distribution



Red (100%)

Green (55%)

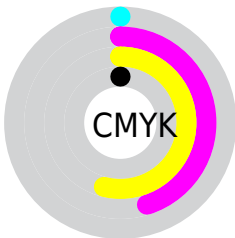
Blue (46%)



Red (100%)

Yellow (56%)

Blue (46%)

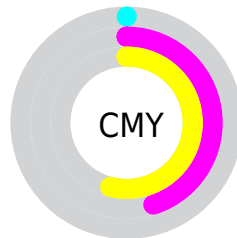


Cyan (0%)

Magenta (45%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.8770, 75.6020, 17.5380 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 171.8770, 75.6020, 17.5380 by changing the saturation by 10% instead.


 171.8770, 75.6020,
17.5380


 171.8770, 75.6020,
17.5380


255.0000, -0.0000,
-0.0000


 143.9090, 72.5760,
17.3120


 210.0900, 43.7850,
4.9450


 116.9410, 69.5500,
17.0860


 230.3050, 26.8220,
-1.5140

 90.7880, 65.6070,
16.9590

 250.5200, 9.8590,
-7.9730

 63.7600, 62.8100,
18.0900

 32.8680, 62.6260,
21.4260

 23.0230, 45.8920,
16.3240

 15.7760, 30.3500,

11.6460

■ 0.0000, 0.0000,
0.0000

■ 171.8770, 75.6020,
17.5380

■ 171.8770, 75.6020,
17.5380

■ 156.7000, 89.4020,
20.7460

■ 187.1680, 61.4810,
14.6410

■ 140.8220,
103.7980, 24.1660

■ 202.9320, 47.4060,
10.9100

■ 125.6450,
117.5980, 27.3740

■ 218.2230, 33.2850,
8.0130

■ 109.7670,
131.9940, 30.7940

■ 233.9870, 19.2100,
4.2820

■ 100.3120,
140.7050, 32.6170

■ 249.2780, 5.0890,
1.3850

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.



172.3110, 63.3570, 35.7170



171.8770, 75.6020, 17.5380



169.7330, 66.2990, -6.6050

Triad

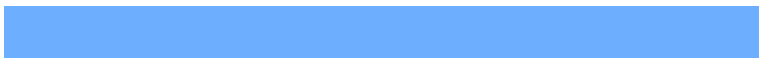
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171.8770, 75.6020, 17.5380



149.9810, -52.8560, -44.3120



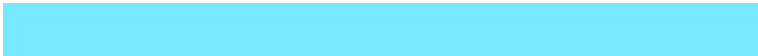
164.0980, -64.1450, 11.6230

Complementary

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



171.8770, 75.6020, 17.5380



201.1230, -75.6020, -17.5380

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.



138.8390, -133.2800, -18.4960



171.8770, 75.6020, 17.5380



135.8000, -112.3220, -45.9060

Square

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



171.8770, 75.6020, 17.5380



161.7580, 2.1160, -38.3640



139.7560, -126.2170, -30.8650



176.0670, -8.9930, 36.3430

Rectangle

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



171.8770, 75.6020, 17.5380



168.1620, 51.3090, -21.2910



139.7560, -126.2170, -30.8650



154.7740, -89.9560, 0.3160

Sweetspot

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



171.8770, 75.6020, 17.5380



230.3680, 22.5110, 5.0310



172.1870, 44.4160, 65.1200



112.8230, 13.8000, 3.2080



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.



171.8770, 75.6020, 17.5380



155.9990, 89.9980, 20.9580



211.2060, 57.1770, -17.5030



120.0610, 7.1980, 1.7100



75.3060, 105.3110, 24.2790



25.0060, 35.3940, 8.3380

Inverse Universe

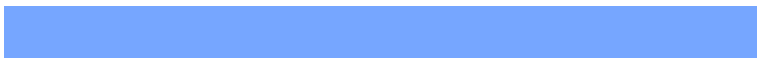
The Inverse Universe completely reimagines the original color for something new.



201.1230, -75.6020, -17.5380



191.0010, -89.9980, -20.9580



161.7940, -57.1770, 17.5030



122.3520, -6.9230, -1.1870



116.2810, -105.5860, -24.8020



38.9940, -35.3940, -8.3380

Previews

White Background



This preview shows how the YIQ color 171.8770, 75.6020, 17.5380 looks on a white background.

Color Contrast Check

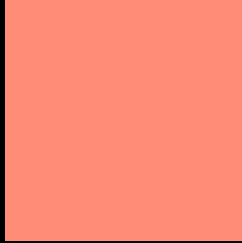
Large Text (above 18pt) WCAG AA × Fail

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 171.8770, 75.6020, 17.5380 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 171.8770, 75.6020, 17.5380

Background



This preview shows how black text looks on a background with the YIQ color 171.8770, 75.6020, 17.5380.



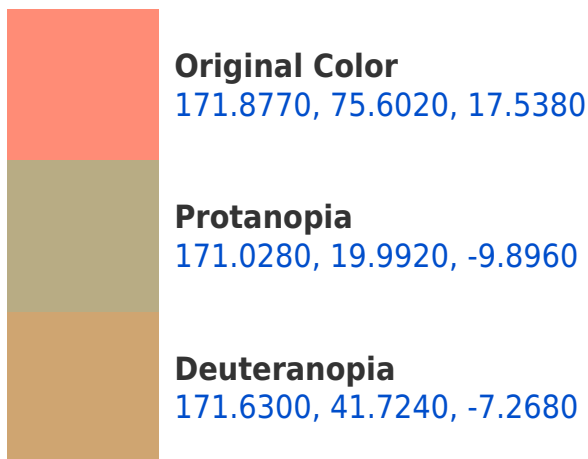
This preview shows how white text looks on a background with the YIQ color 171.8770, 75.6020,

17.5380.

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

173.4220, 67.1180, 28.1260

Trichromacy



Original Color

171.8770, 75.6020, 17.5380

Protanomaly

171.1880, 40.3930, 0.3370

Deuteranomaly

171.6580, 53.6890, 1.6650

Tritanomaly

172.7550, 70.3740, 24.1820

Monochromacy



Original Color

171.8770, 75.6020, 17.5380

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.6460, 27.6000, 6.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8770, 75.6020, 17.5380 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, 140, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 118)  
}
```

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, 140, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 118) }
```

Border

The CSS property to change the border of an element to YIQ 171.8770, 75.6020, 17.5380 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, 140, 118) }
```


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

```
.border{ border-color:rgb(255, 140, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 118); box-shadow:4px 4px 4px 4px rgb(255, 140, 118) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8770, 75.6020, 17.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 118) }
```

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

```
.background{ background-color: rgb(255,  
140, 118) }
```

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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