

Converting Colors

YIQ(180.5510, 70.4680, 11.4600)

Have a look what the booklet for
YIQ(180.5510, 70.4680, 11.4600)
contains.

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Color

**YIQ(180.5510, 70.4680,
11.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9A7A
RGB	255, 154, 122
RGB Percent	100%, 60%, 48%
CMY	0.0000, 0.3962, 0.5213
CMYK	0.00, 0.40, 0.52, 0.00
HSL	14°, 100%, 74%
HSV	14°, 52%, 100%
XYZ	56.3062, 45.7642, 24.3033
YIQ	180.5510, 70.4680, 11.4600

Conversions

Conversions Part 2

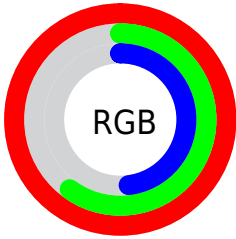
Format	Color
RYB	255, 164, 122
Decimal	16751226
CIELab	73.39, 34.62, 32.80
CIELCh	73, 47.692, 43.460
Yxy	45.7642, 0.4456, 0.3621
Android (android.graphics.Color)	4294941306 (0xFFFF9A7A)
YUV	180.5510, -28.8656, 65.2918
Hunter-Lab	67.6493, 30.1840, 26.0543

Details

The YIQ color **180.5510, 70.4680, 11.4600** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **196.4490, -70.4680, -11.4600**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8780, 38.3300, -0.8220**, and **126.2020, 64.1410, 10.4850** is the 20% darker color. If you saturate the color by 10%, you get **166.5480, 83.7180, 13.6220**, and if you desaturate by 10%, it is **194.6680, 56.8970, 9.6090**.

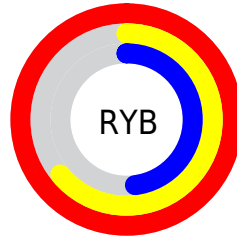
Distribution



Red (100%)

Green (60%)

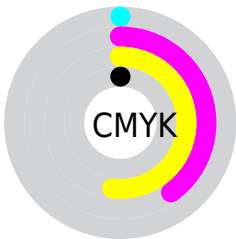
Blue (48%)



Red (100%)

Yellow (64%)

Blue (48%)

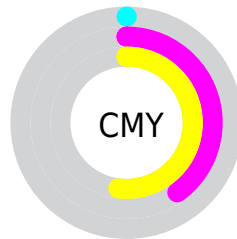


Cyan (0%)

Magenta (40%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.5510, 70.4680, 11.4600 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 180.5510, 70.4680, 11.4600 by changing the saturation by 10% instead.


 180.5510, 70.4680,
11.4600


 180.5510, 70.4680,
11.4600


255.0000, -0.0000,
-0.0000

 152.5830, 67.4420,
11.2340


 218.8780, 38.3300,
-0.8220


 125.6150, 64.4160,
11.0080


 238.9790, 21.6880,
-7.5920

 99.6470, 61.3900,
10.7820

 252.2640, 7.7040,
-7.4640

 74.3800, 57.7680,
10.3440

 48.2980, 55.0630,
9.8070

 23.6210, 47.0840,
16.7480

 15.5480, 30.9920,

11.0240

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 180.5510, 70.4680,
11.4600

■ 180.5510, 70.4680,
11.4600

■ 166.5480, 83.7180,
13.6220

■ 194.6680, 56.8970,
9.6090

■ 151.8440, 97.5640,
15.9960

■ 209.2580, 43.3720,
6.9240

■ 137.8410,
110.8140, 18.1580

■ 223.3750, 29.8010,
5.0730

■ 123.1370,
124.6600, 20.5320

■ 237.3780, 16.5510,
2.9110

112.0520,
135.2050, 22.1570

252.0820, 2.7050,
0.5370

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.



179.8280, 60.1030, 28.6070



180.5510, 70.4680, 11.4600



178.3190, 58.5970, -10.1950

Triad

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



180.5510, 70.4680, 11.4600



158.2670, -59.4130, -41.1170



176.9110, -44.3850, 16.9510

Complementary

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



180.5510, 70.4680, 11.4600



196.4490, -70.4680, -11.4600

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.



153.4350, -111.4110, -12.8430



180.5510, 70.4680, 11.4600



141.8470, -119.7040, -44.2800

Square

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



180.5510, 70.4680, 11.4600



169.1360, -7.6960, -36.7520



144.6460, -131.7190, -30.2710



185.1130, 2.5610, 36.2010

Rectangle

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



180.5510, 70.4680, 11.4600



175.8450, 41.9560, -22.4920



144.6460, -131.7190, -30.2710



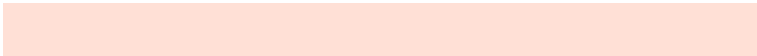
171.7730, -61.8520, 8.6120

Sweetspot

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



180.5510, 70.4680, 11.4600



232.1290, 21.6860, 3.4620



173.3950, 46.5260, 59.9180



113.9970, 13.2500, 2.1620



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.



180.5510, 70.4680, 11.4600



165.0320, 85.2310, 13.7350



219.2930, 52.3180, -23.0580



120.6480, 6.9230, 1.1870



84.1110, 101.1860, 16.4340



27.9410, 34.0190, 5.7230

Inverse Universe

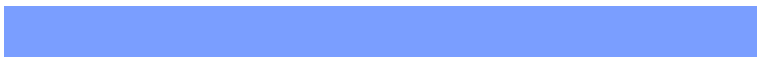
The Inverse Universe completely reimagines the original color for something new.



196.4490, -70.4680, -11.4600



183.9680, -85.2310, -13.7350



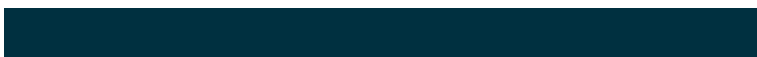
158.2940, -52.5930, 22.5350



121.7650, -6.6480, -0.6640



106.8890, -101.1860, -16.4340



35.4720, -33.7440, -5.2000

Previews

White Background



This preview shows how the YIQ color 180.5510, 70.4680, 11.4600 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 180.5510, 70.4680, 11.4600 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 180.5510, 70.4680, 11.4600

Background



This preview shows how black text looks on a background with the YIQ color 180.5510, 70.4680, 11.4600.



This preview shows how white text looks on a background with the YIQ color 180.5510, 70.4680,

11.4600.

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

180.5510, 70.4680, 11.4600

Protanopia

178.8280, 23.4310, -11.6490

Deuteranopia

179.8860, 43.8790, -7.7770



Tritanopia

182.6490, 59.0490, 25.6810

Trichromacy



Original Color

180.5510, 70.4680, 11.4600

Protanomaly

179.6670, 40.3020, -3.5220

Deuteranomaly

180.0770, 53.8270, -0.8370

Tritanomaly

181.6400, 63.2680, 20.8040

Monochromacy



Original Color

180.5510, 70.4680, 11.4600

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.8090, 25.5830, 4.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.5510, 70.4680, 11.4600 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, 154, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 122)  
}
```

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, 154, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 122) }
```

Border

The CSS property to change the border of an element to YIQ 180.5510, 70.4680, 11.4600 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, 154, 122) }
```


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

```
.border{ border-color:rgb(255, 154, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 180.5510, 70.4680, 11.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 122) }
```

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

```
.background{ background-color: rgb(255,  
154, 122) }
```

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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