

Converting Colors

YIQ(174.4580, 83.4910, 1.2110)

Have a look what the booklet for
YIQ(174.4580, 83.4910, 1.2110)
contains.

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Color

**YIQ(174.4580, 83.4910,
1.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9754
RGB	255, 151, 84
RGB Percent	100%, 59%, 33%
CMY	0.0000, 0.4080, 0.6702
CMYK	0.00, 0.41, 0.67, 0.00
HSL	23°, 100%, 66%
HSV	23°, 67%, 100%
XYZ	53.9036, 44.0207, 14.0634
YIQ	174.4580, 83.4910, 1.2110

Conversions

Conversions Part 2

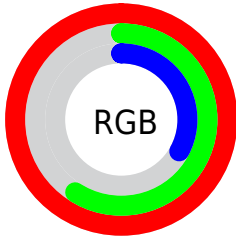
Format	Color
R_{YB}	255, 194, 84
Decimal	16750420
CIE _{Lab}	72.24, 33.51, 51.04
CIE _{LCh}	72, 61.064, 56.712
Yxy	44.0207, 0.4813, 0.3931
Android (android.graphics.Color)	4294940500 (0xFFFF9754)
YUV	174.4580, -44.5958, 70.6353
Hunter-Lab	66.3481, 28.9107, 33.8763

Details

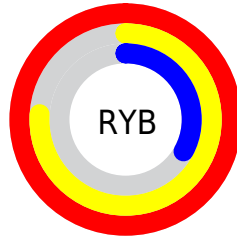
The YIQ color **174.4580, 83.4910, 1.2110** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **164.5420, -83.4910, -1.2110**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.6710, 51.6740, -11.3820**, and **119.6960, 76.8890, -0.2870** is the 20% darker color. If you saturate the color by 10%, you get **162.2160, 95.9160, 1.8040**, and if you desaturate by 10%, it is **186.2270, 71.0200, 1.4520**.

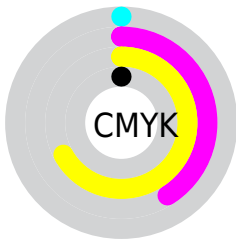
Distribution



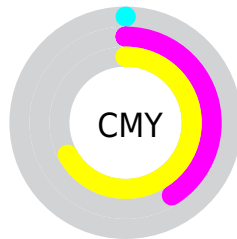
- Red (100%)
- Green (59%)
- Blue (33%)



- Red (100%)
- Yellow (76%)
- Blue (33%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.4580, 83.4910, 1.2110 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 174.4580, 83.4910, 1.2110 by changing the saturation by 10% instead.

174.4580, 83.4910,
1.2110

174.4580, 83.4910,
1.2110

255.0000, -0.0000,
-0.0000

147.0770, 80.1900,
0.4620

212.6710, 51.6740,
-11.3820

119.6960, 76.8890,
-0.2870

232.1850, 35.3070,
-17.6290

92.6310, 75.5140,
-2.9020

247.5900, 20.8650,
-20.2150

69.1170, 65.5180,
2.0460

250.8960, 11.5560,
-11.1960

45.7710, 55.1090,
8.9730

254.0880, 2.5680,
-2.4880

22.4250, 44.7000,
15.9000

14.6510, 29.2040,

10.3880

■ 0.0000, 0.0000,
0.0000

■ 174.4580, 83.4910,
1.2110

■ 174.4580, 83.4910,
1.2110

■ 162.2160, 95.9160,
1.8040

■ 186.2270, 71.0200,
1.4520

■ 150.4470,
108.3870, 1.5630

■ 198.4690, 58.5950,
0.8590

■ 138.2050,
120.8120, 2.1560

■ 210.8250, 45.8490,
0.5770

■ 134.9450,
124.4800, 1.7600

■ 222.4800, 33.6990,
0.5070

■ 234.8360, 20.9530,
0.2250

246.4910, 8.8030,
0.1550

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.



168.5490, 73.9500, 25.4540



174.4580, 83.4910, 1.2110



171.3770, 60.7090, -26.4510

Triad

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



174.4580, 83.4910, 1.2110



139.0140, -110.3490, -54.1330



176.4560, -26.5060, 28.8380

Complementary

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



174.4580, 83.4910, 1.2110



164.5420, -83.4910, -1.2110

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.



137.6650, -132.7300, -17.4500



174.4580, 83.4910, 1.2110



145.5120, -128.6460, -36.4060

Square

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



174.4580, 83.4910, 1.2110



155.1100, -40.3380, -50.9140



145.2960, -136.3050, -24.2490



182.3600, 27.2710, 50.9430

Rectangle

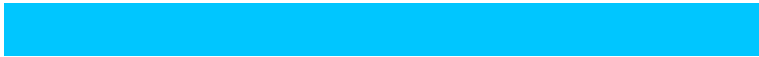
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.4580, 83.4910, 1.2110



168.2980, 35.5860, -39.2140



145.2960, -136.3050, -24.2490



170.3990, -48.6950, 17.9690

Sweetspot

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



174.4580, 83.4910, 1.2110



230.9890, 24.8960, 0.3520



147.0990, 68.2110, 68.9070



113.3130, 15.1760, 0.2960



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.



174.4580, 83.4910, 1.2110



158.9560, 99.5840, 1.4080



223.7660, 60.3910, -42.7210



121.8220, 6.3730, 0.1410



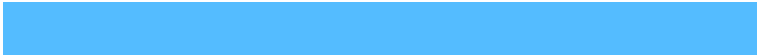
101.1340, 93.2110, 1.2670



33.8110, 31.2690, 0.4930

Inverse Universe

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



164.5420, -83.4910, -1.2110



147.0440, -99.5840, -1.4080



115.2340, -60.3910, 42.7210



121.1780, -6.3730, -0.1410



89.8660, -93.2110, -1.2670



30.1890, -31.2690, -0.4930

Previews

White Background



This preview shows how the YIQ color 174.4580, 83.4910, 1.2110 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 174.4580, 83.4910, 1.2110 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 174.4580, 83.4910, 1.2110

Background



This preview shows how black text looks on a background with the YIQ color 174.4580, 83.4910, 1.2110.



This preview shows how white text looks on a background with the YIQ color 174.4580, 83.4910,

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

174.4580, 83.4910, 1.2110

Protanopia

173.6920, 38.0130, -22.6190

Deuteranopia

174.1030, 58.9650, -16.8670



Tritanopia

179.0300, 62.3500, 26.4300

Trichromacy



Original Color

174.4580, 83.4910, 1.2110

Protanomaly

173.7590, 54.2420, -13.8700

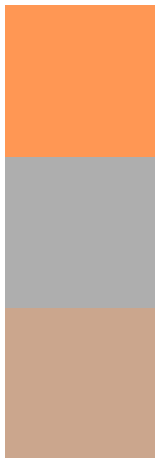
Deuteranomaly

173.9950, 68.3170, -10.1390

Tritanomaly

177.2400, 70.1460, 17.2980

Monochromacy



Original Color

174.4580, 83.4910, 1.2110

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.2130, 30.0770, 0.0690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.4580, 83.4910, 1.2110 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, 151, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 84)  
}
```

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, 151, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 84) }
```

Border

The CSS property to change the border of an element to YIQ 174.4580, 83.4910, 1.2110 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, 151, 84) }
```


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

```
.border{ border-color:rgb(255, 151, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 174.4580, 83.4910, 1.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 84) }
```

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

```
.background{ background-color: rgb(255,  
151, 84) }
```

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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