

Converting Colors

YIQ(151.7560, 94.9960, 18.4840)

Have a look what the booklet for
YIQ(151.7560, 94.9960, 18.4840)
contains.

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Color

**YIQ(151.7560, 94.9960,
18.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	FE724E
RGB	254, 114, 78
RGB Percent	100%, 45%, 31%
CMY	0.0036, 0.5531, 0.6937
CMYK	0.00, 0.55, 0.69, 0.00
HSL	12°, 99%, 65%
HSV	12°, 69%, 100%
XYZ	48.2916, 33.6587, 11.1787
YIQ	151.7560, 94.9960, 18.4840

Conversions

Conversions Part 2

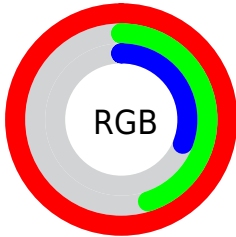
Format	Color
RYB	254, 123, 78
Decimal	16675406
CIELab	64.69, 51.17, 45.47
CIELCh	65, 68.456, 41.625
Yxy	33.6587, 0.5185, 0.3614
Android (android.graphics.Color)	4294865486 (0xFFFE724E)
YUV	151.7560, -36.3617, 89.6680
Hunter-Lab	58.0161, 47.0521, 29.1871

Details

The YIQ color **151.7560, 94.9960, 18.4840** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **180.2440, -94.9960, -18.4840**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.0400, 64.4170, 5.4810**, and **95.8630, 87.3850, 18.7530** is the 20% darker color. If you saturate the color by 10%, you get **137.1660, 108.5210, 21.1690**, and if you desaturate by 10%, it is **166.4600, 81.1500, 16.1100**.

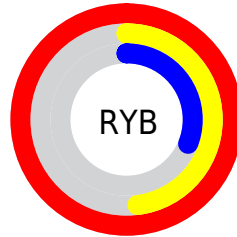
Distribution



Red (100%)

Green (45%)

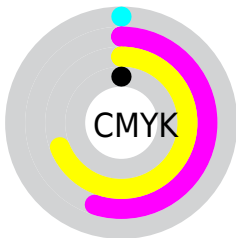
Blue (31%)



Red (100%)

Yellow (48%)

Blue (31%)

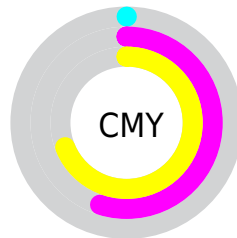


Cyan (0%)

Magenta (55%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.7560, 94.9960, 18.4840 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 151.7560, 94.9960, 18.4840 by changing the saturation by 10% instead.


 151.7560, 94.9960,
18.4840

 151.7560, 94.9960,
18.4840


255.0000, -0.0000,
-0.0000

 123.6030, 91.0530,
18.3570


 190.0400, 64.4170,
5.4810

 95.2760, 87.6600,
19.2760


 209.5540, 48.0500,
-0.7660

 65.5470, 85.4590,
20.6190


 229.6550, 31.4080,
-7.5360

 38.5710, 76.8840,
27.3480

 249.8700, 14.4450,
-13.9950

 29.6010, 59.0040,
20.9880

 253.0620, 5.4570,
-5.2870

 20.6310, 41.1240,
14.6280

 12.3730, 24.1150,

9.0030

■ 0.0000, 0.0000,
0.0000

■ 151.7560, 94.9960,
18.4840

■ 151.7560, 94.9960,
18.4840

■ 137.1660,
108.5210, 21.1690

■ 166.4600, 81.1500,
16.1100

■ 121.8750,
122.6420, 24.0660

■ 181.0500, 67.6250,
13.4250

■ 107.2850,
136.1670, 26.7510

■ 196.2270, 53.8250,
10.2170

■ 106.4700,
137.0840, 26.6520

■ 210.9310, 39.9790,
7.8430

■ 225.5210, 26.4540,
5.1580

240.2250, 12.6080,
2.7840

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.



148.1010, 81.9240, 46.1480



151.7560, 94.9960, 18.4840



150.2550, 81.8440, -18.5080

Triad

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



151.7560, 94.9960, 18.4840



120.6450, -87.5610, -59.6330



140.0770, -86.0150, 11.4970

Complementary

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



151.7560, 94.9960, 18.4840



180.2440, -94.9960, -18.4840

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.



131.2080, -129.7050, -11.6970



151.7560, 94.9960, 18.4840



129.7020, -108.9300, -41.2980

Square

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



151.7560, 94.9960, 18.4840



138.5140, -9.4810, -53.9690



134.4390, -126.4020, -22.0020



161.5060, -2.4390, 49.7290

Rectangle

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



151.7560, 94.9960, 18.4840



146.0010, 67.0390, -42.0570



134.4390, -126.4020, -22.0020



124.7510, -126.6800, -5.9440

Sweetspot

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



151.7560, 94.9960, 18.4840



223.6030, 29.1590, 5.6950



146.6980, 59.6350, 81.1630



109.0900, 17.4220, 3.6460



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.



151.7560, 94.9960, 18.4840



131.6290, 114.5270, 22.4550



202.8250, 71.0710, -27.0170



120.0610, 7.1980, 1.7100



80.0020, 103.1110, 20.0950



26.7670, 34.5690, 6.7690

Inverse Universe

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



180.2440, -94.9960, -18.4840



166.3710, -114.5270, -22.4550



129.1750, -71.0710, 27.0170



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 151.7560, 94.9960, 18.4840 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 151.7560, 94.9960, 18.4840 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 151.7560, 94.9960, 18.4840

Background



This preview shows how black text looks on a background with the YIQ color 151.7560, 94.9960, 18.4840.



This preview shows how white text looks on a background with the YIQ color 151.7560, 94.9960,

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

151.7560, 94.9960, 18.4840

Protanopia

154.1890, 29.4840, -16.7240

Deuteranopia

154.3350, 52.5000, -15.3400



Tritanopia

154.1530, 84.1730, 32.9170

Trichromacy



Original Color

151.7560, 94.9960, 18.4840

Protanomaly

153.1970, 53.3690, -3.5510

Deuteranomaly

153.3250, 67.6280, -3.1560

Tritanomaly

153.1440, 88.3920, 28.0400

Monochromacy



Original Color

151.7560, 94.9960, 18.4840

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.7670, 34.5690, 6.7690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7560, 94.9960, 18.4840 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, 114, 78)` looks like.

```
.text, #text, p{  
    color:rgb(254, 114, 78)  
}
```

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, 114, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 114, 78) }
```

Border

The CSS property to change the border of an element to YIQ 151.7560, 94.9960, 18.4840 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, 114, 78) }
```


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

```
.border{ border-color:rgb(254, 114, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 114, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 114, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 114, 78);  
box-shadow:4px 4px 4px 4px rgb(254, 114,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7560, 94.9960, 18.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 114, 78) }
```

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

```
.background{ background-color: rgb(254,  
114, 78) }
```

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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