

Converting Colors

YIQ(159.1510, 86.5140, 18.0180)

Have a look what the booklet for
YIQ(159.1510, 86.5140, 18.0180)
contains.

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Color

**YIQ(159.1510, 86.5140,
18.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	FD7C5E
RGB	253, 124, 94
RGB Percent	99%, 49%, 37%
CMY	0.0076, 0.5139, 0.6310
CMYK	0.00, 0.51, 0.63, 0.01
HSL	11°, 98%, 68%
HSV	11°, 63%, 99%
XYZ	49.7602, 36.1080, 14.9586
YIQ	159.1510, 86.5140, 18.0180

Conversions

Conversions Part 2

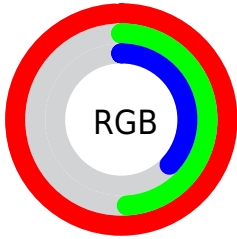
Format	Color
RYB	253, 131, 94
Decimal	16612446
CIELab	66.60, 46.94, 39.22
CIELCh	67, 61.165, 39.882
Yxy	36.1080, 0.4935, 0.3581
Android (android.graphics.Color)	4294802526 (0xFFFD7C5E)
YUV	159.1510, -32.1194, 82.3056
Hunter-Lab	60.0899, 42.6578, 27.3035

Details

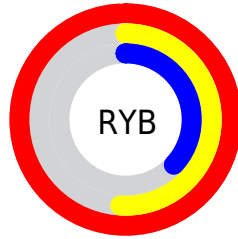
The YIQ color **159.1510, 86.5140, 18.0180** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **187.8490, -86.5140, -18.0180**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8480, 56.2100, 5.5380**, and **104.1440, 79.2240, 17.9760** is the 20% darker color. If you saturate the color by 10%, you get **143.9740, 100.3140, 21.2260**, and if you desaturate by 10%, it is **174.3280, 72.7140, 14.8100**.

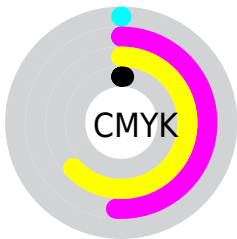
Distribution



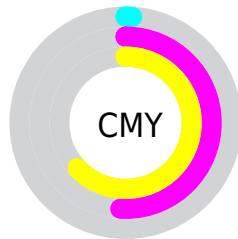
- Red (99%)
- Green (49%)
- Blue (37%)



- Red (99%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.1510, 86.5140, 18.0180 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 159.1510, 86.5140, 18.0180 by changing the saturation by 10% instead.


 159.1510, 86.5140,
18.0180


 159.1510, 86.5140,
18.0180


255.0000, -0.0000,
-0.0000


 131.2970, 83.1670,
18.1030


 197.8480, 56.2100,
5.5380


 104.1440, 79.2240,
17.9760


 217.3620, 39.8430,
-0.7090


 76.4040, 75.5560,
18.3720

 237.4630, 23.2010,
-7.4790

 44.1530, 75.0050,
22.8530

 251.9220, 8.6670,
-8.3970

 29.9000, 59.6000,
21.2000

 21.2290, 42.3160,
15.0520

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 159.1510, 86.5140,
18.0180

■ 159.1510, 86.5140,
18.0180

■ 143.9740,
100.3140, 21.2260

■ 174.3280, 72.7140,
14.8100

■ 129.2700,
114.1600, 23.6000

■ 189.0320, 58.8680,
12.4360

■ 114.0930,
127.9600, 26.8080

■ 204.2090, 45.0680,
9.2280

■ 103.8230,
137.5880, 28.5320

■ 218.7990, 31.5430,
6.5430

■ 234.0900, 17.4220,
3.6460

248.6800, 3.8970,
0.9610

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



158.0460, 74.5890, 41.4130



159.1510, 86.5140, 18.0180



157.9370, 74.2320, -12.7120

Triad

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



159.1510, 86.5140, 18.0180



123.0900, -90.3120, -59.3360



149.8780, -75.1490, 12.8110

Complementary

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



159.1510, 86.5140, 18.0180



187.8490, -86.5140, -18.0180

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.



133.5560, -130.8050, -13.7890



159.1510, 86.5140, 18.0180



131.3490, -109.4340, -43.1780

Square

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



159.1510, 86.5140, 18.0180



146.7800, -4.1180, -46.5340



135.5160, -125.3010, -25.4370



166.5500, -5.7390, 43.4530

Rectangle

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



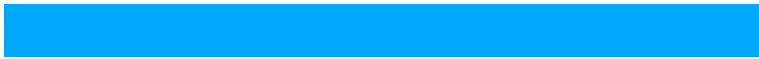
159.1510, 86.5140, 18.0180



155.1160, 56.9500, -29.9140



135.5160, -125.3010, -25.4370



127.6860, -128.0550, -8.5590

Sweetspot

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



159.1510, 86.5140, 18.0180



226.6350, 26.1330, 5.4690



156.3610, 53.0340, 74.1380



110.4920, 16.2300, 3.2220



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.



159.1510, 86.5140, 18.0180



142.2410, 103.9360, 21.6640



205.5240, 64.7890, -23.2990



120.0610, 7.1980, 1.7100



78.2410, 103.9360, 21.6640



26.1800, 34.8440, 7.2920

Inverse Universe

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



187.8490, -86.5140, -18.0180



176.7590, -103.9360, -21.6640



141.4760, -64.7890, 23.2990



122.3520, -6.9230, -1.1870



112.7590, -103.9360, -21.6640



37.8200, -34.8440, -7.2920

Previews

White Background



This preview shows how the YIQ color 159.1510, 86.5140, 18.0180 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 159.1510, 86.5140, 18.0180 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 159.1510, 86.5140, 18.0180

Background



This preview shows how black text looks on a background with the YIQ color 159.1510, 86.5140, 18.0180.



This preview shows how white text looks on a background with the YIQ color 159.1510, 86.5140,

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

159.1510, 86.5140, 18.0180

Protanopia

160.1440, 25.3570, -13.5150

Deuteranopia

160.5180, 47.7310, -11.5090



Tritanopia

160.6900, 78.1670, 31.6310

Trichromacy



Original Color

159.1510, 86.5140, 18.0180

Protanomaly

159.7280, 47.5000, -1.8120

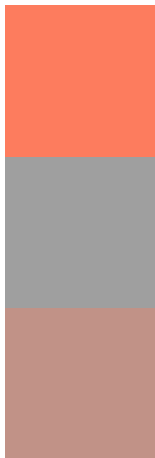
Deuteranomaly

160.2690, 62.0340, -0.8940

Tritanomaly

160.1970, 80.8730, 26.6410

Monochromacy



Original Color

159.1510, 86.5140, 18.0180

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.7990, 31.5430, 6.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.1510, 86.5140, 18.0180 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(253, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(253, 124, 94)  
}
```

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(253, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 124, 94) }
```

Border

The CSS property to change the border of an element to YIQ 159.1510, 86.5140, 18.0180 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(253, 124, 94) }
```


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

```
.border{ border-color:rgb(253, 124, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 124, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(253, 124,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 159.1510, 86.5140, 18.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 124, 94) }
```

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

```
.background{ background-color: rgb(253,  
124, 94) }
```

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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