

Converting Colors

YIQ(159.0620, 93.7140, 8.6740)

Have a look what the booklet for
YIQ(159.0620, 93.7140, 8.6740)
contains.

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Color

**YIQ(159.0620, 93.7140,
8.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8046
RGB	254, 128, 70
RGB Percent	100%, 50%, 27%
CMY	0.0037, 0.4982, 0.7251
CMYK	0.00, 0.50, 0.72, 0.00
HSL	19°, 99%, 64%
HSV	19°, 72%, 100%
XYZ	49.7188, 36.9515, 10.3239
YIQ	159.0620, 93.7140, 8.6740

Conversions

Conversions Part 2

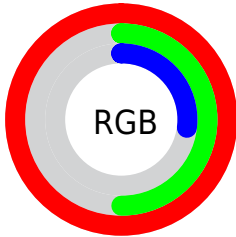
Format	Color
RYB	254, 155, 70
Decimal	16678982
CIELab	67.24, 44.07, 52.32
CIELCh	67, 68.409, 49.890
Yxy	36.9515, 0.5126, 0.3810
Android (android.graphics.Color)	4294869062 (0xFFFE8046)
YUV	159.0620, -43.9076, 83.2606
Hunter-Lab	60.7878, 39.6178, 32.4820

Details

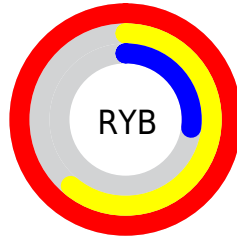
The YIQ color **159.0620, 93.7140, 8.6740** is a light color, and the websafe version is hex **FF6633**. The color can be described as light washed orange. A complement of this color would be **164.9380, -93.7140, -8.6740**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4600, 62.8140, -4.0180**, and **103.3000, 87.1120, 7.1760** is the 20% darker color. If you saturate the color by 10%, you get **146.2330, 106.4140, 9.7900**, and if you desaturate by 10%, it is **172.0050, 80.6930, 7.8690**.

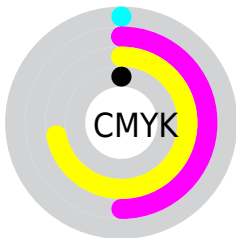
Distribution



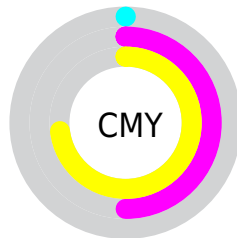
- Red (100%)
- Green (50%)
- Blue (27%)



- Red (100%)
- Yellow (61%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (72%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.0620, 93.7140, 8.6740 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 159.0620, 93.7140, 8.6740 by changing the saturation by 10% instead.


 159.0620, 93.7140,
8.6740


 159.0620, 93.7140,
8.6740


255.0000, -0.0000,
-0.0000

 130.7950, 90.0920,
8.2360


 197.4600, 62.8140,
-4.0180


 103.3000, 87.1120,
7.1760


 216.9740, 46.4470,
-10.2650

 76.6030, 81.8850,
8.2930


 237.0750, 29.8050,
-17.0350

 50.6100, 71.9800,
17.1000

 249.0720, 16.6920,
-16.1720

 29.6010, 59.0040,
20.9880

 252.2640, 7.7040,
-7.4640

 20.9300, 41.7200,
14.8400

 13.2700, 25.9030,

9.6390

■ 0.0000, 0.0000,
0.0000

■ 159.0620, 93.7140,
8.6740

■ 159.0620, 93.7140,
8.6740

■ 146.2330,
106.4140, 9.7900

■ 172.0050, 80.6930,
7.8690

■ 132.7030,
119.7100, 11.1180

■ 185.4210, 67.7180,
6.2300

■ 122.9060,
129.3840, 12.0080

■ 198.2500, 55.0180,
5.1140

■ 211.7800, 41.7220,
3.7860

■ 224.6090, 29.0220,
2.6700

■ 237.5520, 16.0010,
1.8650

■ 250.9680, 3.0260,
0.2260

■ 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.



152.7170, 82.7050, 37.4970



159.0620, 93.7140, 8.6740



156.0490, 76.2520, -27.3000

Triad

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



159.0620, 93.7140, 8.6740



128.0770, -97.4650, -56.3530



157.4190, -51.4470, 23.7930

Complementary

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



159.0620, 93.7140, 8.6740



164.9380, -93.7140, -8.6740

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.



132.9690, -130.5300, -13.2660



159.0620, 93.7140, 8.6740



136.5470, -118.5590, -37.4950

Square

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



159.0620, 93.7140, 8.6740



140.6240, -30.3420, -55.8620



140.0130, -133.8300, -19.5420



168.4220, 15.5330, 54.4210

Rectangle

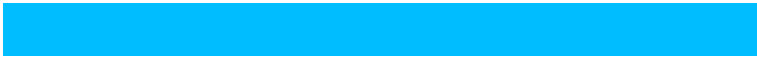
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.0620, 93.7140, 8.6740



152.5910, 53.5140, -44.7420



140.0130, -133.8300, -19.5420



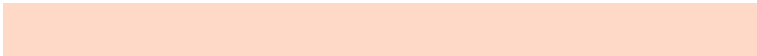
144.1750, -89.4070, 6.8890

Sweetspot

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



159.0620, 93.7140, 8.6740



226.3100, 28.4260, 2.4580



139.7220, 68.2550, 79.1270



110.6230, 17.2390, 1.4550



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.



159.0620, 93.7140, 8.6740



140.4680, 113.0620, 10.4540



211.3050, 69.2390, -37.8730



121.2350, 6.6480, 0.6640



92.3290, 97.3360, 9.1120



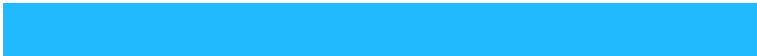
30.8760, 32.6440, 3.1080

Inverse Universe

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



164.9380, -93.7140, -8.6740



147.5320, -113.0620, -10.4540



112.6950, -69.2390, 37.8730



121.1780, -6.3730, -0.1410



98.6710, -97.3360, -9.1120



33.1240, -32.6440, -3.1080

Previews

White Background



This preview shows how the YIQ color 159.0620, 93.7140, 8.6740 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 159.0620, 93.7140, 8.6740 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 159.0620, 93.7140, 8.6740

Background



This preview shows how black text looks on a background with the YIQ color 159.0620, 93.7140, 8.6740.



This preview shows how white text looks on a background with the YIQ color 159.0620, 93.7140,

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

159.0620, 93.7140, 8.6740

Protanopia

159.6210, 36.7750, -22.2090

Deuteranopia

159.7500, 58.4610, -18.7470



Tritanopia

163.3800, 76.1040, 30.4720

Trichromacy



Original Color

159.0620, 93.7140, 8.6740

Protanomaly

159.6070, 57.7260, -10.9300

Deuteranomaly

159.6040, 70.9760, -8.7680

Tritanomaly

162.0460, 82.6160, 22.5840

Monochromacy



Original Color

159.0620, 93.7140, 8.6740

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.3600, 34.1570, 3.2210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0620, 93.7140, 8.6740 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, 128, 70)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 70)  
}
```

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, 128, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 70) }
```

Border

The CSS property to change the border of an element to YIQ 159.0620, 93.7140, 8.6740 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, 128, 70) }
```


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

```
.border{ border-color:rgb(254, 128, 70) }
```

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

Here you see how a box with a 4 pixel rgb(254, 128, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 70);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0620, 93.7140, 8.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 70) }
```

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

```
.background{ background-color: rgb(254,  
128, 70) }
```

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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