

Converting Colors

YIQ(159.8550, 89.8630, 6.8790)

Have a look what the booklet for
YIQ(159.8550, 89.8630, 6.8790)
contains.

YIQ(159.8550, 89.8630, 6.8790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(159.8550, 89.8630,
6.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8348
RGB	250, 131, 72
RGB Percent	98%, 51%, 28%
CMY	0.0194, 0.4864, 0.7172
CMYK	0.00, 0.48, 0.71, 0.02
HSL	20°, 95%, 63%
HSV	20°, 71%, 98%
XYZ	48.7295, 37.0239, 10.7265
YIQ	159.8550, 89.8630, 6.8790

Conversions

Conversions Part 2

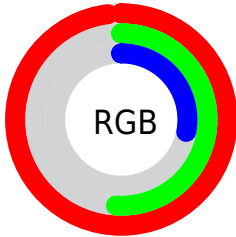
Format	Color
R_{YB}	250, 160, 72
Decimal	16417608
CIE _{Lab}	67.29, 41.15, 51.24
CIE _{LCh}	67, 65.719, 51.235
Yxy	37.0239, 0.5051, 0.3837
Android (android.graphics.Color)	4294607688 (0xFFFA8348)
YUV	159.8550, -43.3125, 79.0572
Hunter-Lab	60.8473, 36.4687, 32.1412

Details

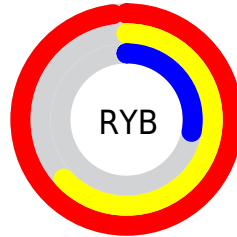
The YIQ color **159.8550, 89.8630, 6.8790** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **162.1450, -89.8630, -6.8790**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.4490, 61.3470, -4.9650**, and **104.7940, 82.6650, 5.1690** is the 20% darker color. If you saturate the color by 10%, you get **147.0260, 102.5630, 7.9950**, and if you desaturate by 10%, it is **172.6840, 77.1630, 5.7630**.

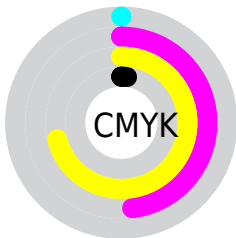
Distribution



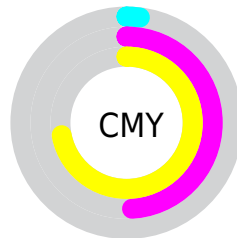
- Red (98%)
- Green (51%)
- Blue (28%)



- Red (98%)
- Yellow (63%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (71%)
- Black (2%)





- Cyan (2%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.8550, 89.8630, 6.8790 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 159.8550, 89.8630, 6.8790 by changing the saturation by 10% instead.


 159.8550, 89.8630,
6.8790


 159.8550, 89.8630,
6.8790


255.0000, -0.0000,
-0.0000


 132.4740, 86.5620,
6.1300


 199.4490, 61.3470,
-4.9650


 104.7940, 82.6650,
5.1690


 218.9630, 44.9800,
-11.2120


 78.0540, 78.9970,
5.5650


 239.0640, 28.3380,
-17.9820

 53.2350, 68.5420,
13.3260

 249.3000, 16.0500,
-15.5500

 29.0030, 57.8120,
20.5640

 252.4920, 7.0620,
-6.8420

 20.3320, 40.5280,
14.4160

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 159.8550, 89.8630,
6.8790

■ 159.8550, 89.8630,
6.8790

■ 147.0260,
102.5630, 7.9950

■ 172.6840, 77.1630,
5.7630

■ 134.1970,
115.2630, 9.1110

■ 184.9260, 64.7380,
5.1700

■ 123.4710,
126.1750, 9.5910

■ 197.7550, 52.0380,
4.0540

■ 210.5840, 39.3380,
2.9380

■ 223.4130, 26.6380,
1.8220

235.6550, 14.2130,
1.2290

248.4840, 1.5130,
0.1130

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



155.0650, 81.6050, 35.4050



159.8550, 89.8630, 6.8790



157.3520, 71.0250, -26.1830

Triad

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



159.8550, 89.8630, 6.8790



128.5330, -98.7490, -55.1090



159.5230, -45.8080, 26.2240

Complementary

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



159.8550, 89.8630, 6.8790



162.1450, -89.8630, -6.8790

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.



132.3820, -130.2550, -12.7430



159.8550, 89.8630, 6.8790



136.0740, -118.6050, -36.6610

Square

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



159.8550, 89.8630, 6.8790



141.6070, -31.6720, -53.7840



138.8390, -133.2800, -18.4960



168.1510, 17.7340, 53.0780

Rectangle

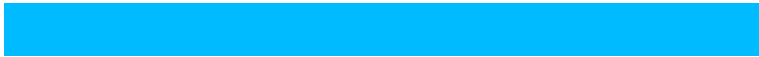
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.8550, 89.8630, 6.8790



153.8770, 46.9570, -41.5470



138.8390, -133.2800, -18.4960



149.5680, -77.2120, 11.6520

Sweetspot

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



159.8550, 89.8630, 6.8790



227.7120, 27.2340, 2.0340



139.1300, 66.9260, 75.6780



111.4380, 16.3220, 1.5540



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.



159.8550, 89.8630, 6.8790



145.1470, 109.5320, 8.3480



210.3370, 66.2130, -38.0990



118.8220, 6.3730, 0.1410



92.9050, 95.5940, 7.6420



29.9790, 30.8560, 2.4720

Inverse Universe

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



162.1450, -89.8630, -6.8790



147.8530, -109.5320, -8.3480



111.6630, -66.2130, 38.0990



118.7650, -6.6480, -0.6640



95.5080, -95.3190, -7.1190



31.0210, -30.8560, -2.4720

Previews

White Background



This preview shows how the YIQ color 159.8550, 89.8630, 6.8790 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 159.8550, 89.8630, 6.8790 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 159.8550, 89.8630, 6.8790

Background



This preview shows how black text looks on a background with the YIQ color 159.8550, 89.8630, 6.8790.



This preview shows how white text looks on a background with the YIQ color 159.8550, 89.8630,

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

159.8550, 89.8630, 6.8790

Protanopia

160.1480, 36.7290, -21.3750

Deuteranopia

160.0920, 57.4980, -17.8140



Tritanopia

163.5970, 73.9950, 30.1470

Trichromacy



Original Color

159.8550, 89.8630, 6.8790

Protanomaly

160.1230, 56.2130, -11.0430

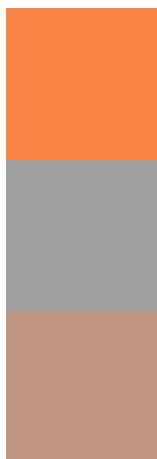
Deuteranomaly

160.1200, 69.4630, -8.8810

Tritanomaly

162.5510, 79.6360, 21.5240

Monochromacy



Original Color

159.8550, 89.8630, 6.8790

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.7620, 32.9650, 2.7970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8550, 89.8630, 6.8790 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(250, 131, 72)` looks like.

```
.text, #text, p{  
    color:rgb(250, 131, 72)  
}
```

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(250, 131, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 131, 72) }
```

Border

The CSS property to change the border of an element to YIQ 159.8550, 89.8630, 6.8790 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(250, 131, 72) }
```


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

```
.border{ border-color:rgb(250, 131, 72) }
```

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

Here you see how a box with a 4 pixel rgb(250, 131, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 131, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 131, 72);  
box-shadow:4px 4px 4px 4px rgb(250, 131,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8550, 89.8630, 6.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 131, 72) }
```

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

```
.background{ background-color: rgb(250,  
131, 72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor