

Converting Colors

YIQ(155.1690, 94.1300, -9.8860)

Have a look what the booklet for
YIQ(155.1690, 94.1300, -9.8860)
contains.

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Color

**YIQ(155.1690, 94.1300,
-9.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	EF8822
RGB	239, 136, 34
RGB Percent	94%, 53%, 13%
CMY	0.0626, 0.4668, 0.8662
CMYK	0.00, 0.43, 0.86, 0.06
HSL	30°, 87%, 54%
HSV	30°, 86%, 94%
XYZ	44.7007, 36.0710, 6.1285
YIQ	155.1690, 94.1300, -9.8860

Conversions

Conversions Part 2

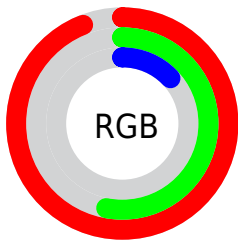
Format	Color
R _Y B	239, 237, 34
Decimal	15697954
CIE Lab	66.57, 32.91, 65.72
CIE LCh	67, 73.501, 63.402
Yxy	36.0710, 0.5144, 0.4151
Android (android.graphics.Color)	4293888034 (0xFFEF8822)
YUV	155.1690, -59.7363, 73.5198
Hunter-Lab	60.0591, 27.7501, 35.9913

Details

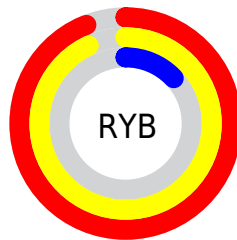
The YIQ color **155.1690, 94.1300, -9.8860** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **117.8310, -94.1300, 9.8860**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.0350, 70.8400, -17.3200**, and **102.5190, 81.5210, -7.1430** is the 20% darker color. If you saturate the color by 10%, you get **145.3890, 105.1340, -11.0740**, and if you desaturate by 10%, it is **164.9490, 83.1260, -8.6980**.

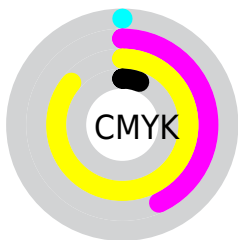
Distribution



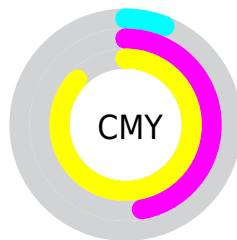
- Red (94%)
- Green (53%)
- Blue (13%)



- Red (94%)
- Yellow (93%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (86%)
- Black (6%)





- Cyan (6%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.1690, 94.1300, -9.8860 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 155.1690, 94.1300, -9.8860 by changing the saturation by 10% instead.


 155.1690, 94.1300,
-9.8860


 155.1690, 94.1300,
-9.8860


255.0000, -0.0000,
-0.0000


 126.7620, 93.7180,
-13.4340


 198.0350, 70.8400,
-17.3200


 102.5190, 81.5210,
-7.1430


 217.5490, 54.4730,
-23.5670


 78.8740, 70.5160,
-0.4280


 237.6500, 37.8310,
-30.3370

 55.8160, 59.2360,
5.7640

 245.5380, 26.6430,
-25.8130

 31.8830, 49.1020,
13.2140

 248.7300, 17.6550,
-17.1050

 17.6410, 35.1640,
12.5080

 252.0360, 8.3460,

 9.6820, 18.7510,

-8.0860

7.0950

■ 0.0000, 0.0000,
0.0000

■ 155.1690, 94.1300,
-9.8860

■ 155.1690, 94.1300,
-9.8860

■ 145.3890,
105.1340, -11.0740

■ 164.9490, 83.1260,
-8.6980

■ 141.3140,
109.7190, -11.5690

■ 174.7290, 72.1220,
-7.5100

■ 184.5090, 61.1180,
-6.3220

■ 194.2890, 50.1140,
-5.1340

■ 204.0690, 39.1100,
-3.9460

■ 213.8490, 28.1060,
-2.7580

■ 223.5150, 17.4230,
-1.8810

■ 233.2950, 6.4190,
-0.6930

■ 243.0750, -4.5850,
0.4950

Harmonies

Analogous

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



149.6560, 92.7020, 27.0220



155.1690, 94.1300, -9.8860



150.1210, 66.5810, -44.7710

Triad

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



155.1690, 94.1300, -9.8860



131.8560, -106.7280, -48.1680



162.9660, -18.7140, 41.8140

Complementary

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



155.1690, 94.1300, -9.8860



117.8310, -94.1300, 9.8860

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.



127.0990, -127.7800, -8.0360



155.1690, 94.1300, -9.8860



138.6790, -127.3180, -27.4300

Square

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



155.1690, 94.1300, -9.8860



121.6420, -83.4790, -67.5350



137.0780, -132.4550, -16.9270



163.7310, 45.7000, 63.8760

Rectangle

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



155.1690, 94.1300, -9.8860



145.5790, 35.4520, -58.8200



137.0780, -132.4550, -16.9270



156.8760, -45.3040, 28.1040

Sweetspot

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



155.1690, 94.1300, -9.8860



228.1050, 30.2610, -3.2670



107.3790, 88.1540, 76.4260



111.7000, 18.3400, -1.9800



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.



155.1690, 94.1300, -9.8860



150.7940, 117.0550, -12.3610



213.8690, 66.6300, -62.1860



115.1100, 5.5020, -0.5940



108.4330, 84.6390, -8.5850



33.1800, 25.6760, -2.7720

Inverse Universe

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



117.8310, -94.1300, 9.8860



104.2060, -117.0550, 12.3610



59.7180, -66.9050, 61.6630



112.8900, -5.5020, 0.5940



74.9800, -84.3640, 9.1080



22.8200, -25.6760, 2.7720

Previews

White Background



This preview shows how the YIQ color 155.1690, 94.1300, -9.8860 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 155.1690, 94.1300, -9.8860 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 155.1690, 94.1300, -9.8860

Background



This preview shows how black text looks on a background with the YIQ color 155.1690, 94.1300, -9.8860.



This preview shows how white text looks on a background with the YIQ color 155.1690, 94.1300, -9.8860.

-9.8860.

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

155.1690, 94.1300, -9.8860

Protanopia

154.7730, 50.4860, -33.9140

Deuteranopia

154.3150, 72.4470, -29.9290



Tritanopia

163.0090, 66.8430, 27.6030

Trichromacy



Original Color

155.1690, 94.1300, -9.8860

Protanomaly

154.8400, 66.7150, -25.1650

Deuteranomaly

154.2500, 80.2400, -22.4800

Tritanomaly

159.9540, 76.7030, 14.1030

Monochromacy



Original Color

155.1690, 94.1300, -9.8860

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1440, 34.5250, -3.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.1690, 94.1300, -9.8860 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(239, 136, 34)` looks like.

```
.text, #text, p{  
    color:rgb(239, 136, 34)  
}
```

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(239, 136, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 136, 34) }
```

Border

The CSS property to change the border of an element to YIQ 155.1690, 94.1300, -9.8860 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(239, 136, 34) }
```


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

```
.border{ border-color:rgb(239, 136, 34) }
```

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

Here you see how a box with a 4 pixel rgb(239, 136, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 136, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 136, 34);  
box-shadow:4px 4px 4px 4px rgb(239, 136,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 155.1690, 94.1300, -9.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 136, 34) }
```

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

```
.background{ background-color: rgb(239,  
136, 34) }
```

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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