

Converting Colors

YIQ(154.0980, 75.6970, -0.7110)

Have a look what the booklet for
YIQ(154.0980, 75.6970, -0.7110)
contains.

YIQ(154.0980, 75.6970, -0.7110)	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(154.0980, 75.6970,
-0.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	E28645
RGB	226, 134, 69
RGB Percent	89%, 53%, 27%
CMY	0.1135, 0.4746, 0.7291
CMYK	0.00, 0.41, 0.69, 0.11
HSL	25°, 73%, 58%
HSV	25°, 69%, 89%
XYZ	40.9750, 33.6463, 9.9796
YIQ	154.0980, 75.6970, -0.7110

Conversions

Conversions Part 2

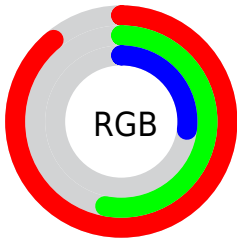
Format	Color
R_{YB}	226, 180, 69
Decimal	14845509
CIE _{Lab}	64.68, 29.95, 48.93
CIE _{LCh}	65, 57.370, 58.528
Yxy	33.6463, 0.4843, 0.3977
Android (android.graphics.Color)	4293035589 (0xFFE28645)
YUV	154.0980, -41.9533, 63.0581
Hunter-Lab	58.0055, 24.5826, 30.4033

Details

The YIQ color **154.0980, 75.6970, -0.7110** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **140.9020, -75.6970, 0.7110**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.2810, 61.7600, -6.9440**, and **100.1080, 69.7370, -2.8310** is the 20% darker color. If you saturate the color by 10%, you get **143.8450, 86.6550, -1.0650**, and if you desaturate by 10%, it is **164.3510, 64.7390, -0.3570**.

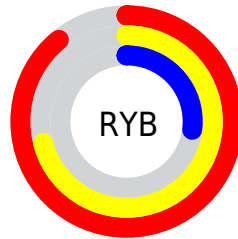
Distribution



Red (89%)

Green (53%)

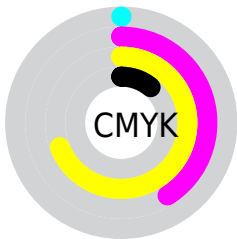
Blue (27%)



Red (89%)

Yellow (71%)

Blue (27%)

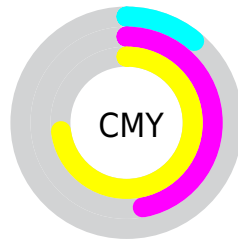


Cyan (0%)

Magenta (41%)

Yellow (69%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.0980, 75.6970, -0.7110 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 154.0980, 75.6970, -0.7110 by changing the saturation by 10% instead.

154.0980, 75.6970,
-0.7110

154.0980, 75.6970,
-0.7110

255.0000, -0.0000,
-0.0000

127.0160, 72.9920,
-1.2480

200.2810, 61.7600,
-6.9440

100.1080, 69.7370,
-2.8310

219.6810, 45.7140,
-13.5020

75.2970, 64.8310,
-2.0250

239.3090, 29.0260,
-19.4380

52.5380, 54.1470,
4.3790

248.8440, 17.3340,
-16.7940

29.7790, 43.4630,
10.7830

252.1500, 8.0250,
-7.7750

15.2490, 30.3960,
10.8120

5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 154.0980, 75.6970,
-0.7110

■ 154.0980, 75.6970,
-0.7110

■ 143.8450, 86.6550,
-1.0650

■ 164.3510, 64.7390,
-0.3570

■ 133.1190, 97.5670,
-0.5850

■ 174.4900, 54.1020,
-0.3140


■ 122.8660,
108.5250, -0.9390


■ 185.3300, 42.8690,
-0.4830

■ 122.1650,
109.1210, -0.7270


■ 195.5830, 31.9110,
-0.1290

■ 205.7220, 21.2740,
-0.0860

 216.5620, 10.0410,
-0.2550

 226.7010, -0.5960,
-0.2120

 236.9540,
-11.5540, 0.1420

 245.1550,
-16.7340, -5.1020

Harmonies

Analogous

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



155.1970, 80.8730, 26.6410



154.0980, 75.6970, -0.7110



151.0820, 54.2900, -25.7580

Triad

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



154.0980, 75.6970, -0.7110



124.2760, -99.1630, -47.6030



158.7320, -27.1030, 34.1530

Complementary

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



154.0980, 75.6970, -0.7110



140.9020, -75.6970, 0.7110

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.



124.7510, -126.6800, -5.9440



154.0980, 75.6970, -0.7110



129.5030, -115.2590, -31.2190

Square

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



154.0980, 75.6970, -0.7110



134.8480, -42.3560, -47.3800



131.1280, -126.7240, -16.1640



161.1380, 27.7760, 47.2960

Rectangle

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



154.0980, 75.6970, -0.7110



148.2420, 29.9920, -36.9520



131.1280, -126.7240, -16.1640



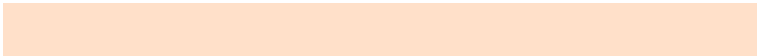
154.3700, -49.7510, 26.0970

Sweetspot

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



154.0980, 75.6970, -0.7110



230.6470, 25.8590, -0.5810



126.6590, 63.3980, 62.5180



113.1990, 15.4970, -0.0150



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.



154.0980, 75.6970, -0.7110



158.0440, 102.1520, -1.0800



198.7100, 54.7970, -40.4590



107.2240, 5.1810, -0.2830



95.4750, 84.8210, -0.8670



26.0920, 23.1080, -0.2840

Inverse Universe

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



140.9020, -75.6970, 0.7110



140.5430, -102.4270, 0.5570



96.2900, -54.7970, 40.4590



106.3630, -5.4560, -0.2400



80.5250, -84.8210, 0.8670



21.9080, -23.1080, 0.2840

Previews

White Background



This preview shows how the YIQ color 154.0980, 75.6970, -0.7110 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 154.0980, 75.6970, -0.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

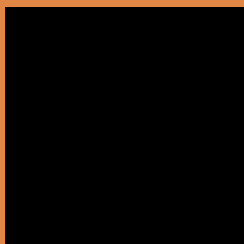
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 154.0980, 75.6970, -0.7110

Background



This preview shows how black text looks on a background with the YIQ color 154.0980, 75.6970, -0.7110.



This preview shows how white text looks on a background with the YIQ color 154.0980, 75.6970, -0.7110.

-0.7110.

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

154.0980, 75.6970, -0.7110

Protanopia

153.4360, 35.8580, -22.1100

Deuteranopia

153.7650, 54.1050, -16.8950



Tritanopia

158.2360, 58.7740, 25.1580

Trichromacy



Original Color

154.0980, 75.6970, -0.7110

Protanomaly

153.4920, 50.6200, -14.3080

Deuteranomaly

153.6460, 61.9900, -11.1140

Tritanomaly

156.9620, 65.0570, 15.9130

Monochromacy



Original Color

154.0980, 75.6970, -0.7110

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1310, 27.3720, -0.4680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.0980, 75.6970, -0.7110 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(226, 134, 69)` looks like.

```
.text, #text, p{  
    color:rgb(226, 134, 69)  
}
```

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(226, 134, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 134, 69) }
```

Border

The CSS property to change the border of an element to YIQ 154.0980, 75.6970, -0.7110 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(226, 134, 69) }
```


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

```
.border{ border-color:rgb(226, 134, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 134, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 134, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 134, 69);  
box-shadow:4px 4px 4px 4px rgb(226, 134,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 154.0980, 75.6970, -0.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 134, 69) }
```

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

```
.background{ background-color: rgb(226,  
134, 69) }
```

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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