

Converting Colors

YIQ(154.0830, 106.4160,
-1.2640)

Have a look what the booklet for
YIQ(154.0830, 106.4160, -1.2640)
contains.

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Color

**YIQ(154.0830, 106.4160,
-1.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E22
RGB	255, 126, 34
RGB Percent	100%, 49%, 13%
CMY	0.0000, 0.5061, 0.8662
CMYK	0.00, 0.51, 0.87, 0.00
HSL	25°, 100%, 57%
HSV	25°, 87%, 100%
XYZ	48.9844, 36.2840, 5.9447
YIQ	154.0830, 106.4160, -1.2640

Conversions

Conversions Part 2

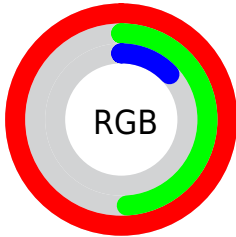
Format	Color
R _Y B	255, 192, 34
Decimal	16743970
CIE Lab	66.74, 44.25, 66.78
CIE LCh	67, 80.109, 56.467
Yxy	36.2840, 0.5370, 0.3978
Android (android.graphics.Color)	4294934050 (0xFFFF7E22)
YUV	154.0830, -59.2009, 88.5042
Hunter-Lab	60.2362, 39.7439, 36.3141

Details

The YIQ color **154.0830, 106.4160, -1.2640** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **134.9170, -106.4160, 1.2640**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6380, 73.6360, -12.9240**, and **100.5470, 93.4860, 1.7900** is the 20% darker color. If you saturate the color by 10%, you get **142.4280, 118.5660, -1.1940**, and if you desaturate by 10%, it is **165.8520, 93.9450, -1.0230**.

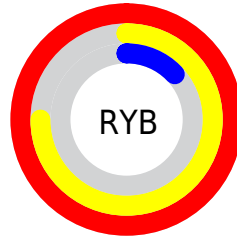
Distribution



Red (100%)

Green (49%)

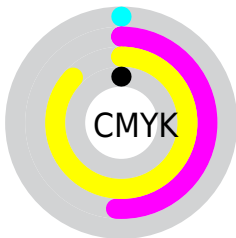
Blue (13%)



Red (100%)

Yellow (75%)

Blue (13%)

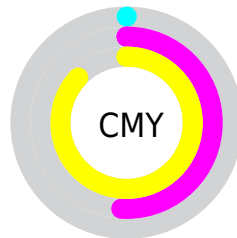


Cyan (0%)

Magenta (51%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.0830, 106.4160, -1.2640 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 154.0830, 106.4160, -1.2640 by changing the saturation by 10% instead.

154.0830,
106.4160, -1.2640

154.0830,
106.4160, -1.2640

255.0000, -0.0000,
-0.0000

125.3770,
105.4080, -5.0240

192.6380, 73.6360,
-12.9240

100.5470, 93.4860,
1.7900

212.1520, 57.2690,
-19.1710

75.1300, 81.8390,
9.1270

232.2530, 40.6270,
-25.9410

48.8380, 71.3380,
17.7220

245.4240, 26.9640,
-26.1240

29.3020, 58.4080,
20.7760

248.6160, 17.9760,
-17.4160

20.6310, 41.1240,
14.6280

251.9220, 8.6670,

12.9710, 25.3070,

-8.3970

9.4270

■ 0.0000, 0.0000,
0.0000

■ 154.0830,
106.4160, -1.2640

■ 154.0830,
106.4160, -1.2640

■ 142.4280,
118.5660, -1.1940

■ 165.8520, 93.9450,
-1.0230

■ 138.4670,
122.8300, -1.3780

■ 177.5070, 81.7950,
-1.0930

■ 189.2760, 69.3240,
-0.8520

■ 200.9310, 57.1740,
-0.9220

■ 212.1130, 44.9780,
-0.1580

■ 223.7680, 32.8280,
-0.2280

■ 235.5370, 20.3570,
0.0130

■ 247.1920, 8.2070,
-0.0570

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



142.5780, 93.3420, 37.4540



154.0830, 106.4160, -1.2640



151.9700, 77.4920, -38.7640

Triad

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



154.0830, 106.4160, -1.2640



131.0920, -101.8210, -54.5010



157.2190, -38.8400, 32.1040

Complementary

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



154.0830, 106.4160, -1.2640



134.9170, -106.4160, 1.2640

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.



131.2080, -129.7050, -11.6970



154.0830, 106.4160, -1.2640



139.5280, -125.5750, -31.4870

Square

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



154.0830, 106.4160, -1.2640



119.7210, -76.6920, -74.9000



140.0130, -133.8300, -19.5420



164.6190, 34.5120, 68.4000

Rectangle

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



154.0830, 106.4160, -1.2640



147.6190, 47.1430, -55.9370



140.0130, -133.8300, -19.5420



143.6540, -80.3300, 13.0940

Sweetspot

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



154.0830, 106.4160, -1.2640



224.5830, 31.9110, -0.1290



115.2410, 89.0230, 88.2150



109.3520, 19.4400, 0.1120



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.



154.0830, 106.4160, -1.2640



138.4670, 122.8300, -1.3780



216.8920, 76.9910, -57.2250



121.8220, 6.3730, 0.1410



104.0690, 91.8360, -1.3480



34.9850, 30.7190, -0.5530

Inverse Universe

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



134.9170, -106.4160, 1.2640



116.5330, -122.8300, 1.3780



72.1080, -76.9910, 57.2250



120.5910, -6.0980, 0.3820



87.5180, -92.1110, 0.8250



29.0150, -30.7190, 0.5530

Previews

White Background



This preview shows how the YIQ color 154.0830, 106.4160, -1.2640 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 154.0830, 106.4160, -1.2640 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 154.0830, 106.4160, -1.2640

Background



This preview shows how black text looks on a background with the YIQ color 154.0830, 106.4160, -1.2640.



This preview shows how white text looks on a background with the YIQ color 154.0830, 106.4160, -1.2640.

-1.2640.

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

154.0830, 106.4160, -1.2640

Protanopia

155.4140, 50.1190, -32.7690

Deuteranopia

153.4740, 76.2530, -32.8270



Tritanopia

161.2770, 77.8920, 31.1080

Trichromacy



Original Color

154.0830, 106.4160, -1.2640

Protanomaly

155.1010, 70.4740, -21.7020

Deuteranomaly

153.8980, 87.1630, -21.2930

Tritanomaly

158.5750, 88.2560, 19.4880

Monochromacy



Original Color

154.0830, 106.4160, -1.2640

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1770, 38.9260, -0.6100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.0830, 106.4160, -1.2640 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(255, 126, 34)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 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(255, 126, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 34) }
```

Border

The CSS property to change the border of an element to YIQ 154.0830, 106.4160, -1.2640 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(255, 126, 34) }
```


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

```
.border{ border-color:rgb(255, 126, 34) }
```

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

Here you see how a box with a 4 pixel rgb(255, 126, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 34);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 154.0830, 106.4160, -1.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 34) }
```

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

```
.background{ background-color: rgb(255,  
126, 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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