

Converting Colors

YIQ(148.1280, 102.5160,
14.3560)

Have a look what the booklet for
YIQ(148.1280, 102.5160, 14.3560)
contains.

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Color

**YIQ(148.1280, 102.5160,
14.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F3B
RGB	255, 111, 59
RGB Percent	100%, 44%, 23%
CMY	0.0000, 0.5649, 0.7682
CMYK	0.00, 0.56, 0.77, 0.00
HSL	16°, 100%, 62%
HSV	16°, 77%, 100%
XYZ	47.7102, 32.9326, 7.9952
YIQ	148.1280, 102.5160, 14.3560

Conversions

Conversions Part 2

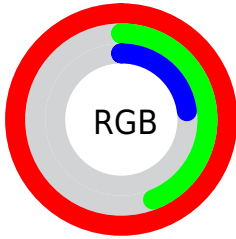
Format	Color
R _Y B	255, 130, 59
Decimal	16740155
CIE Lab	64.11, 52.08, 54.36
CIE LCh	64, 75.287, 46.227
Yxy	32.9326, 0.5383, 0.3715
Android (android.graphics.Color)	4294930235 (0xFFFF6F3B)
YUV	148.1280, -43.9401, 93.7267
Hunter-Lab	57.3869, 47.9738, 31.9105

Details

The YIQ color **148.1280, 102.5160, 14.3560** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **165.8720, -102.5160, -14.3560**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1130, 71.3410, 1.1410**, and **90.5510, 96.8310, 12.7590** is the 20% darker color. If you saturate the color by 10%, you get **134.1250, 115.7660, 16.5180**, and if you desaturate by 10%, it is **162.2450, 88.9450, 12.5050**.

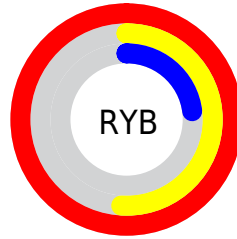
Distribution



Red (100%)

Green (44%)

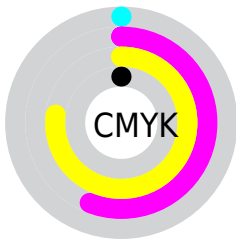
Blue (23%)



Red (100%)

Yellow (51%)

Blue (23%)

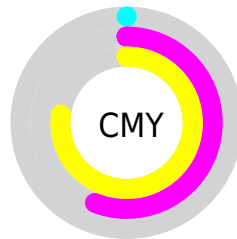


Cyan (0%)

Magenta (56%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.1280, 102.5160, 14.3560 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 148.1280, 102.5160, 14.3560 by changing the saturation by 10% instead.


 148.1280,
102.5160, 14.3560


 148.1280,
102.5160, 14.3560


255.0000, -0.0000,
-0.0000

 119.8610, 98.8940,
13.9180


 186.2270, 71.0200,
1.4520


 90.5510, 96.8310,
12.7590


 205.6270, 54.9740,
-5.1060


 61.9280, 88.7600,
21.3680


 225.7280, 38.3320,
-11.8760

 38.2720, 76.2880,
27.1360

 246.4160, 21.4150,
-19.1690

 29.3020, 58.4080,
20.7760

 250.7820, 11.8770,
-11.5070

 20.7450, 40.8030,
14.9390

 254.0880, 2.5680,

 12.0740, 23.5190,

-2.4880

8.7910

■ 0.0000, 0.0000,
0.0000

■ 148.1280,
102.5160, 14.3560

■ 148.1280,
102.5160, 14.3560

■ 134.1250,
115.7660, 16.5180

■ 162.2450, 88.9450,
12.5050

■ 120.0080,
129.3370, 18.3690

■ 175.6610, 75.9700,
10.8660

■ 115.5740,
133.5550, 19.0190

■ 189.7780, 62.3990,
9.0150

■ 203.7810, 49.1490,
6.8530

■ 217.8980, 35.5780,
5.0020

■ 231.3140, 22.6030,
3.3630

■ 245.4310, 9.0320,
1.5120

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.



140.0480, 89.4430, 47.5470



148.1280, 102.5160, 14.3560



146.1550, 87.5770, -28.7990

Triad

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



148.1280, 102.5160, 14.3560



121.8020, -89.4410, -58.6010



140.4310, -78.0840, 16.4440

Complementary

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



148.1280, 102.5160, 14.3560



165.8720, -102.5160, -14.3560

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.



130.0340, -129.1550, -10.6510



148.1280, 102.5160, 14.3560



130.9560, -112.4610, -37.8770

Square

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



148.1280, 102.5160, 14.3560



130.1590, -24.8390, -61.9830



136.1490, -131.2170, -17.3370



159.5230, 8.0590, 57.7150

Rectangle

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



148.1280, 102.5160, 14.3560



144.1850, 60.5290, -45.2230



136.1490, -131.2170, -17.3370



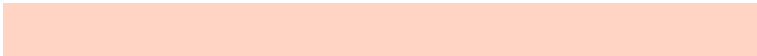
122.4030, -125.5800, -3.8520

Sweetspot

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



148.1280, 102.5160, 14.3560



223.0330, 30.7640, 4.1400



134.3620, 69.6290, 87.2690



108.0470, 18.9810, 2.9250



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.



148.1280, 102.5160, 14.3560



126.6590, 123.0100, 17.3940



203.8930, 76.3910, -35.3290



120.6480, 6.9230, 1.1870



87.0460, 99.8110, 13.8190



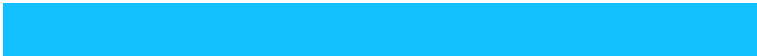
29.1150, 33.4690, 4.6770

Inverse Universe

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



165.8720, -102.5160, -14.3560



148.3410, -123.0100, -17.3940



110.1070, -76.3910, 35.3290



121.7650, -6.6480, -0.6640



104.5410, -100.0860, -14.3420



34.8850, -33.4690, -4.6770

Previews

White Background



This preview shows how the YIQ color 148.1280, 102.5160, 14.3560 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 148.1280, 102.5160, 14.3560 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 148.1280, 102.5160, 14.3560

Background



This preview shows how black text looks on a background with the YIQ color 148.1280, 102.5160, 14.3560.



This preview shows how white text looks on a background with the YIQ color 148.1280, 102.5160, 14.3560.

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

148.1280, 102.5160, 14.3560

Protanopia

151.5070, 37.0960, -22.5200

Deuteranopia

150.7670, 59.7910, -20.8250



Tritanopia

151.9360, 86.2820, 33.2420

Trichromacy



Original Color

148.1280, 102.5160, 14.3560

Protanomaly

150.5150, 60.9810, -9.3470

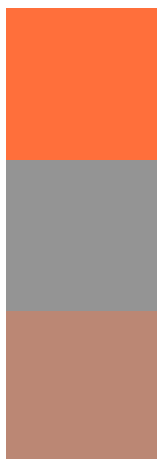
Deuteranomaly

150.1700, 75.1940, -8.1180

Tritanomaly

150.2430, 92.4270, 26.4990

Monochromacy



Original Color

148.1280, 102.5160, 14.3560

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.3820, 37.0910, 5.1150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1280, 102.5160, 14.3560 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, 111, 59)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 59)  
}
```

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, 111, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 59) }
```

Border

The CSS property to change the border of an element to YIQ 148.1280, 102.5160, 14.3560 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, 111, 59) }
```


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

```
.border{ border-color:rgb(255, 111, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 59);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1280, 102.5160, 14.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 59) }
```

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

```
.background{ background-color: rgb(255,  
111, 59) }
```

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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