

Converting Colors

YIQ(147.4100, 101.7820,
16.6460)

Have a look what the booklet for
YIQ(147.4100, 101.7820, 16.6460)
contains.

YIQ(147.4100, 101.7820, 16.6460)	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(147.4100, 101.7820,
16.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6D3F
RGB	255, 109, 63
RGB Percent	100%, 43%, 25%
CMY	0.0000, 0.5728, 0.7525
CMYK	0.00, 0.57, 0.75, 0.00
HSL	14°, 100%, 62%
HSV	14°, 75%, 100%
XYZ	47.6024, 32.5443, 8.4918
YIQ	147.4100, 101.7820, 16.6460

Conversions

Conversions Part 2

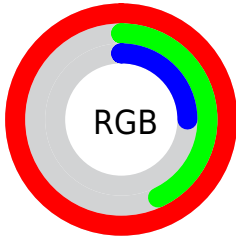
Format	Color
R _Y B	255, 123, 63
Decimal	16739647
CIE Lab	63.79, 53.15, 52.12
CIE LCh	64, 74.438, 44.441
Yxy	32.5443, 0.5370, 0.3672
Android (android.graphics.Color)	4294929727 (0xFFFF6D3F)
YUV	147.4100, -41.6141, 94.3564
Hunter-Lab	57.0476, 49.1130, 31.1077

Details

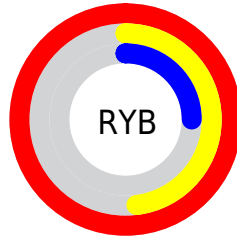
The YIQ color **147.4100, 101.7820, 16.6460** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **170.5900, -101.7820, -16.6460**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3950, 70.6070, 3.4310**, and **90.1750, 95.1340, 15.9820** is the 20% darker color. If you saturate the color by 10%, you get **133.4070, 115.0320, 18.8080**, and if you desaturate by 10%, it is **161.5270, 88.2110, 14.7950**.

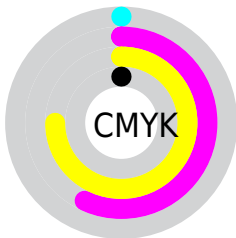
Distribution



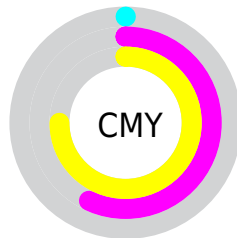
- Red (100%)
- Green (43%)
- Blue (25%)



- Red (100%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (75%)
- Black (0%)





- Cyan (0%)
- Magenta (57%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.4100, 101.7820, 16.6460 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 147.4100, 101.7820, 16.6460 by changing the saturation by 10% instead.


 147.4100,
101.7820, 16.6460


 147.4100,
101.7820, 16.6460


255.0000, -0.0000,
-0.0000

 119.2570, 97.8390,
16.5190


 185.3950, 70.6070,
3.4310


 90.1750, 95.1340,
15.9820


 205.3820, 54.2860,
-3.6500


 59.5800, 89.8600,
23.4600

 224.8960, 37.9190,
-9.8970

 38.2720, 76.2880,
27.1360

 245.6980, 20.6810,
-16.8790

 29.3020, 58.4080,
20.7760

 251.2380, 10.5930,
-10.2630

 20.7450, 40.8030,
14.9390

 254.5440, 1.2840,

 12.0740, 23.5190,

-1.2440

8.7910

■ 0.0000, 0.0000,
0.0000

■ 147.4100,
101.7820, 16.6460

■ 147.4100,
101.7820, 16.6460

■ 133.4070,
115.0320, 18.8080

■ 161.5270, 88.2110,
14.7950

■ 118.7030,
128.8780, 21.1820

■ 176.1170, 74.6860,
12.1100

■ 112.0520,
135.2050, 22.1570

■ 190.2340, 61.1150,
10.2590

■ 204.8240, 47.5900,
7.5740

■ 218.9410, 34.0190,
5.7230

232.9440, 20.7690,
3.5610

247.6480, 6.9230,
1.1870

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.



139.8030, 88.7550, 49.0030



147.4100, 101.7820, 16.6460



145.2800, 88.7230, -27.5410

Triad

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



147.4100, 101.7820, 16.6460



120.6450, -87.5610, -59.6330



136.2450, -86.4280, 13.4760

Complementary

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



147.4100, 101.7820, 16.6460



170.5900, -101.7820, -16.6460

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



147.4100, 101.7820, 16.6460



129.7990, -110.5810, -38.9090

Square

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



147.4100, 101.7820, 16.6460



130.7360, -19.1540, -60.3860



134.9920, -129.3370, -18.3690



158.4300, 3.8870, 56.2310

Rectangle

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



147.4100, 101.7820, 16.6460



143.6090, 62.2710, -43.7530



134.9920, -129.3370, -18.3690



122.4030, -125.5800, -3.8520

Sweetspot

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



147.4100, 101.7820, 16.6460



221.8590, 31.3140, 5.1860



137.1660, 67.2450, 86.4210



107.4600, 19.2560, 3.4480



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.



147.4100, 101.7820, 16.6460



126.0550, 121.9550, 19.9950



203.1750, 75.6570, -33.0390



120.6480, 6.9230, 1.1870



84.1110, 101.1860, 16.4340



27.9410, 34.0190, 5.7230

Inverse Universe

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



170.5900, -101.7820, -16.6460



153.9450, -121.9550, -19.9950



114.8250, -75.6570, 33.0390



121.7650, -6.6480, -0.6640



107.4760, -101.4610, -16.9570



36.0590, -34.0190, -5.7230

Previews

White Background



This preview shows how the YIQ color 147.4100, 101.7820, 16.6460 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 147.4100, 101.7820, 16.6460 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 147.4100, 101.7820, 16.6460

Background



This preview shows how black text looks on a background with the YIQ color 147.4100, 101.7820, 16.6460.



This preview shows how white text looks on a background with the YIQ color 147.4100, 101.7820, 16.6460.

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

147.4100, 101.7820, 16.6460

Protanopia

150.8920, 34.5740, -20.8660

Deuteranopia

150.3370, 58.1860, -19.2700



Tritanopia

150.5340, 87.4740, 33.6660

Trichromacy



Original Color

147.4100, 101.7820, 16.6460

Protanomaly

149.6120, 59.3300, -6.9580

Deuteranomaly

149.1530, 73.8640, -6.0400

Tritanomaly

149.1830, 92.6560, 27.8560

Monochromacy



Original Color

147.4100, 101.7820, 16.6460

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9090, 37.0450, 5.9490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.4100, 101.7820, 16.6460 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, 109, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 63)  
}
```

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, 109, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 63) }
```

Border

The CSS property to change the border of an element to YIQ 147.4100, 101.7820, 16.6460 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, 109, 63) }
```


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

```
.border{ border-color:rgb(255, 109, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 109, 63); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 109, 63); box-shadow:4px 4px 4px 4px rgb(255, 109, 63) }
```

Background

The CSS property to change the background color of an element to YIQ 147.4100, 101.7820, 16.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 63) }
```

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

```
.background{ background-color: rgb(255,  
109, 63) }
```

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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