

Converting Colors

YIQ(144.9650, 104.5330,
16.3490)

Have a look what the booklet for
YIQ(144.9650, 104.5330, 16.3490)
contains.

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Color

**YIQ(144.9650, 104.5330,
16.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6A39
RGB	255, 106, 57
RGB Percent	100%, 42%, 22%
CMY	0.0000, 0.5845, 0.7760
CMYK	0.00, 0.58, 0.78, 0.00
HSL	15°, 100%, 61%
HSV	15°, 78%, 100%
XYZ	47.1290, 31.8517, 7.5500
YIQ	144.9650, 104.5330, 16.3490

Conversions

Conversions Part 2

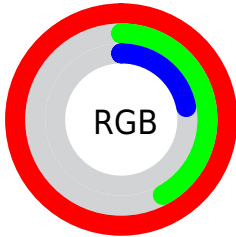
Format	Color
R_{YB}	255, 122, 57
Decimal	16738873
CIE Lab	63.22, 54.28, 54.42
CIE LCh	63, 76.865, 45.072
Yxy	31.8517, 0.5447, 0.3681
Android (android.graphics.Color)	4294928953 (0xFFFF6A39)
YUV	144.9650, -43.3667, 96.5007
Hunter-Lab	56.4373, 50.2943, 31.5745

Details

The YIQ color **144.9650, 104.5330, 16.3490** 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 **167.0350, -104.5330, -16.3490**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **182.9500, 73.3580, 3.1340**, and **86.8010, 99.1230, 15.2750** is the 20% darker color. If you saturate the color by 10%, you get **130.9620, 117.7830, 18.5110**, and if you desaturate by 10%, it is **159.0820, 90.9620, 14.4980**.

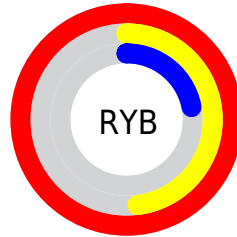
Distribution



Red (100%)

Green (42%)

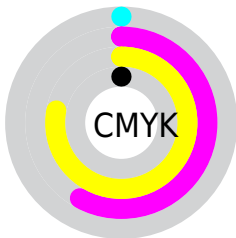
Blue (22%)



Red (100%)

Yellow (48%)

Blue (22%)

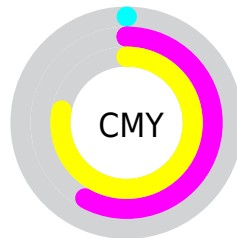


Cyan (0%)

Magenta (58%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.9650, 104.5330, 16.3490 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 144.9650, 104.5330, 16.3490 by changing the saturation by 10% instead.


 144.9650,
104.5330, 16.3490


 144.9650,
104.5330, 16.3490


255.0000, -0.0000,
-0.0000


 116.1110,
101.1860, 16.4340


 182.9500, 73.3580,
3.1340


 86.8010, 99.1230,
15.2750


 202.9370, 57.0370,
-3.9470


 55.1720, 91.1890,
26.9090

 222.4510, 40.6700,
-10.1940

 38.2720, 76.2880,
27.1360

 243.2530, 23.4320,
-17.1760

 29.0030, 57.8120,
20.5640

 250.5540, 12.5190,
-12.1290

 20.4460, 40.2070,
14.7270

 253.8600, 3.2100,

 11.4760, 22.3270,

-3.1100

8.3670

■ 0.0000, 0.0000,
0.0000

■ 144.9650,
104.5330, 16.3490

■ 144.9650,
104.5330, 16.3490

■ 130.9620,
117.7830, 18.5110

■ 159.0820, 90.9620,
14.4980

■ 116.8450,
131.3540, 20.3620

■ 173.0850, 77.7120,
12.3360

■ 113.2260,
134.6550, 21.1110

■ 187.7890, 63.8660,
9.9620

■ 201.7920, 50.6160,
7.8000

■ 215.9090, 37.0450,
5.9490

229.9120, 23.7950,
3.7870

244.0290, 10.2240,
1.9360

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.



136.5260, 91.0930, 50.6850



144.9650, 104.5330, 16.3490



143.8070, 88.6770, -26.7070

Triad

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



144.9650, 104.5330, 16.3490



119.9440, -86.9650, -59.4210



132.9780, -90.0500, 13.0380

Complementary

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



144.9650, 104.5330, 16.3490



167.0350, -104.5330, -16.3490

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.



129.4470, -128.8800, -10.1280



144.9650, 104.5330, 16.3490



129.3260, -110.6270, -38.0750

Square

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



144.9650, 104.5330, 16.3490



127.7740, -22.3170, -63.6370



134.6330, -129.7040, -17.2240



157.0820, 4.9870, 58.3230

Rectangle

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



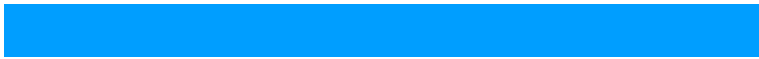
144.9650, 104.5330, 16.3490



142.1250, 60.7580, -43.8660



134.6330, -129.7040, -17.2240



121.8160, -125.3050, -3.3290

Sweetspot

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



144.9650, 104.5330, 16.3490



222.4460, 31.0390, 4.6630



133.5300, 69.2160, 89.2480



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.



144.9650, 104.5330, 16.3490



122.9090, 125.3020, 19.9100



201.3170, 78.1330, -33.8590



120.6480, 6.9230, 1.1870



84.6980, 100.9110, 15.9110



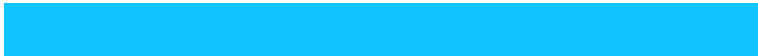
28.5280, 33.7440, 5.2000

Inverse Universe

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



167.0350, -104.5330, -16.3490



149.5040, -125.0270, -19.3870



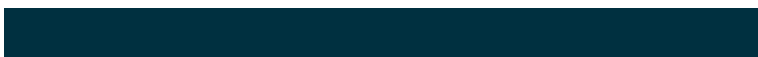
110.6830, -78.1330, 33.8590



121.7650, -6.6480, -0.6640



106.3020, -100.9110, -15.9110



35.4720, -33.7440, -5.2000

Previews

White Background



This preview shows how the YIQ color 144.9650, 104.5330, 16.3490 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 144.9650, 104.5330, 16.3490 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 144.9650, 104.5330, 16.3490

Background



This preview shows how black text looks on a background with the YIQ color 144.9650, 104.5330, 16.3490.



This preview shows how white text looks on a background with the YIQ color 144.9650, 104.5330, 16.3490.

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

144.9650, 104.5330, 16.3490

Protanopia

149.3220, 36.1790, -22.4210

Deuteranopia

148.3540, 59.5160, -21.3480



Tritanopia

148.4310, 89.2620, 34.3020

Trichromacy



Original Color

144.9650, 104.5330, 16.3490

Protanomaly

148.0420, 60.9350, -8.5130

Deuteranomaly

146.8820, 76.0650, -7.3830

Tritanomaly

146.8520, 95.0860, 27.8700

Monochromacy



Original Color

144.9650, 104.5330, 16.3490

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0940, 37.9620, 5.8500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.9650, 104.5330, 16.3490 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, 106, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 57)  
}
```

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, 106, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 57) }
```

Border

The CSS property to change the border of an element to YIQ 144.9650, 104.5330, 16.3490 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, 106, 57) }
```


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

```
.border{ border-color:rgb(255, 106, 57) }
```

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

Here you see how a box with a 4 pixel rgb(255, 106, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 144.9650, 104.5330, 16.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 57) }
```

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

```
.background{ background-color: rgb(255,  
106, 57) }
```

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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