

Converting Colors

YIQ(148.4520, 92.7960, 14.3000)

Have a look what the booklet for
YIQ(148.4520, 92.7960, 14.3000)
contains.

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Color

**YIQ(148.4520, 92.7960,
14.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	F67246
RGB	246, 114, 70
RGB Percent	96%, 45%, 27%
CMY	0.0350, 0.5531, 0.7251
CMYK	0.00, 0.54, 0.72, 0.04
HSL	15°, 91%, 62%
HSV	15°, 72%, 96%
XYZ	45.1515, 32.0716, 9.6220
YIQ	148.4520, 92.7960, 14.3000

Conversions

Conversions Part 2

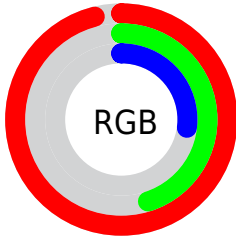
Format	Color
RYB	246, 129, 70
Decimal	16151110
CIELab	63.40, 47.88, 47.82
CIElCh	63, 67.671, 44.959
Yxy	32.0716, 0.5199, 0.3693
Android (android.graphics.Color)	4294341190 (0xFFFF67246)
YUV	148.4520, -38.6768, 85.5496
Hunter-Lab	56.6318, 43.2089, 29.5686

Details

The YIQ color **148.4520, 92.7960, 14.3000** 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 **167.5480, -92.7960, -14.3000**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **189.1280, 66.9850, 2.9930**, and **93.0320, 85.2310, 13.7350** is the 20% darker color. If you saturate the color by 10%, you get **134.4490, 106.0460, 16.4620**, and if you desaturate by 10%, it is **161.8680, 79.8210, 12.6610**.

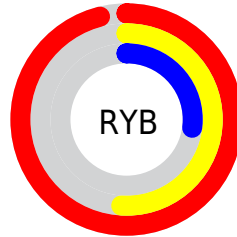
Distribution



Red (96%)

Green (45%)

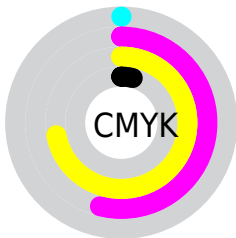
Blue (27%)



Red (96%)

Yellow (51%)

Blue (27%)

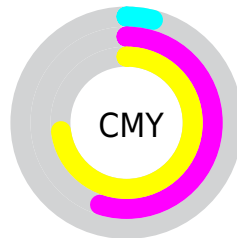


Cyan (0%)

Magenta (54%)

Yellow (72%)

Black (4%)



Cyan (4%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4520, 92.7960, 14.3000 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 148.4520, 92.7960, 14.3000 by changing the saturation by 10% instead.

148.4520, 92.7960,
14.3000

148.4520, 92.7960,
14.3000

255.0000, -0.0000,
-0.0000

120.2990, 88.8530,
14.1730

189.1280, 66.9850,
2.9930

93.0320, 85.2310,
13.7350

208.6420, 50.6180,
-3.2540

64.2320, 81.7920,
15.4880

228.1560, 34.2510,
-9.5010

36.4780, 72.7120,
25.8640

248.8440, 17.3340,
-16.7940

27.5080, 54.8320,
19.5040

252.1500, 8.0250,
-7.7750

18.9510, 37.2270,
13.6670

9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 148.4520, 92.7960,
14.3000

■ 148.4520, 92.7960,
14.3000

■ 134.4490,
106.0460, 16.4620

■ 161.8680, 79.8210,
12.6610

■ 121.1470,
118.7000, 18.4120


■ 175.7570, 66.8920,
10.1880


■ 109.3610,
129.8410, 20.2490

■ 189.1730, 53.9170,
8.5490

■ 203.1760, 40.6670,
6.3870

■ 216.4780, 28.0130,
4.4370

 230.4810, 14.7630,
2.2750

 243.7830, 2.1090,
0.3250

 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



145.7870, 85.6840, 44.0840



148.4520, 92.7960, 14.3000



146.6520, 79.0480, -22.9040

Triad

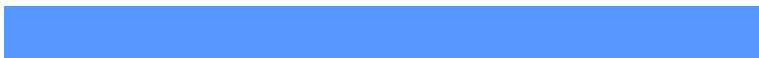
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



148.4520, 92.7960, 14.3000



119.3400, -88.0200, -56.8200



142.8340, -71.8490, 19.0870

Complementary

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



148.4520, 92.7960, 14.3000



167.5480, -92.7960, -14.3000

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.



128.2730, -128.3300, -9.0820



148.4520, 92.7960, 14.3000



127.6960, -108.7930, -38.2730

Square

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



148.4520, 92.7960, 14.3000



133.6210, -17.0920, -53.7000



132.2050, -125.6230, -19.5990



158.1540, 4.4840, 50.9160

Rectangle

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



148.4520, 92.7960, 14.3000



142.4240, 61.3540, -43.6540



132.2050, -125.6230, -19.5990



121.2290, -125.0300, -2.8060

Sweetspot

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



148.4520, 92.7960, 14.3000



225.3640, 28.3340, 4.1260



138.0140, 61.5610, 79.2970



110.2640, 16.8720, 2.6000



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.



148.4520, 92.7960, 14.3000



133.1790, 115.6740, 18.1860



198.3470, 69.4210, -30.1550



115.3490, 6.3270, 0.9750



82.6160, 98.2060, 15.3740



26.4460, 31.0390, 4.6630

Inverse Universe

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



167.5480, -92.7960, -14.3000



157.2340, -115.3990, -17.6630



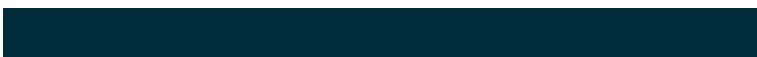
117.6530, -69.4210, 30.1550



116.6510, -6.3270, -0.9750



103.3840, -98.2060, -15.3740



32.5540, -31.0390, -4.6630

Previews

White Background



This preview shows how the YIQ color 148.4520, 92.7960, 14.3000 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 148.4520, 92.7960, 14.3000 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 148.4520, 92.7960, 14.3000

Background



This preview shows how black text looks on a background with the YIQ color 148.4520, 92.7960, 14.3000.



This preview shows how white text looks on a background with the YIQ color 148.4520, 92.7960,

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

148.4520, 92.7960, 14.3000

Protanopia

150.3910, 31.7310, -18.9010

Deuteranopia

149.9930, 53.4630, -16.2730



Tritanopia

150.7720, 80.8720, 32.1680

Trichromacy



Original Color

148.4520, 92.7960, 14.3000

Protanomaly

149.3880, 54.1490, -6.6750

Deuteranomaly

149.2710, 67.7200, -4.8240

Tritanomaly

149.7090, 85.1830, 25.6230

Monochromacy



Original Color

148.4520, 92.7960, 14.3000

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.5280, 33.7440, 5.2000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4520, 92.7960, 14.3000 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(246, 114, 70)` looks like.

```
.text, #text, p{  
    color:rgb(246, 114, 70)  
}
```

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(246, 114, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 114, 70) }
```

Border

The CSS property to change the border of an element to YIQ 148.4520, 92.7960, 14.3000 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(246, 114, 70) }
```


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

```
.border{ border-color:rgb(246, 114, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 114, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 114, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 114, 70);  
box-shadow:4px 4px 4px 4px rgb(246, 114,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4520, 92.7960, 14.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 114, 70) }
```

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

```
.background{ background-color: rgb(246,  
114, 70) }
```

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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