

Converting Colors

YIQ(166.9360, 93.1680,
-14.4800)

Have a look what the booklet for
YIQ(166.9360, 93.1680, -14.4800)
contains.

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Color

**YIQ(166.9360, 93.1680,
-14.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	F79727
RGB	247, 151, 39
RGB Percent	97%, 59%, 15%
CMY	0.0312, 0.4080, 0.8466
CMYK	0.00, 0.39, 0.84, 0.03
HSL	32°, 93%, 56%
HSV	32°, 84%, 97%
XYZ	49.8003, 42.0489, 7.4211
YIQ	166.9360, 93.1680, -14.4800

Conversions

Conversions Part 2

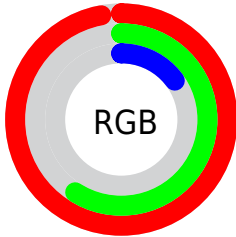
Format	Color
R _Y B	217, 247, 39
Decimal	16226087
CIE Lab	70.90, 28.50, 68.14
CIE LCh	71, 73.860, 67.302
Yxy	42.0489, 0.5017, 0.4236
Android (android.graphics.Color)	4294416167 (0xFF79727)
YUV	166.9360, -63.0724, 70.2161
Hunter-Lab	64.8451, 23.6068, 38.6063

Details

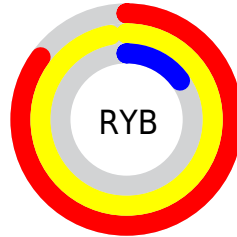
The YIQ color **166.9360, 93.1680, -14.4800** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **119.0640, -93.1680, 14.4800**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9970, 64.8350, -24.1330**, and **113.7160, 82.1640, -13.2920** is the 20% darker color. If you saturate the color by 10%, you get **157.6290, 104.2180, -16.5020**, and if you desaturate by 10%, it is **176.2430, 82.1180, -12.4580**.

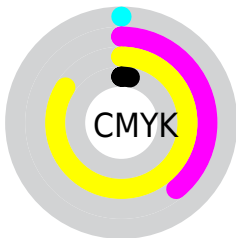
Distribution



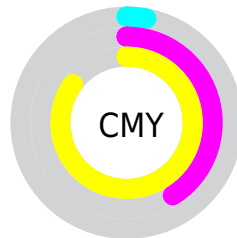
- Red (97%)
- Green (59%)
- Blue (15%)



- Red (85%)
- Yellow (97%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (84%)
- Black (3%)



- Cyan (3%)
- Magenta (41%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.9360, 93.1680, -14.4800 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 166.9360, 93.1680, -14.4800 by changing the saturation by 10% instead.

166.9360, 93.1680,
-14.4800

166.9360, 93.1680,
-14.4800

255.0000, -0.0000,
-0.0000

137.9590, 94.3610,
-19.5830

207.9970, 64.8350,
-24.1330

113.1290, 82.4390,
-12.7690

227.6250, 48.1470,
-30.0690

90.0710, 71.1590,
-6.5770

243.0300, 33.7050,
-32.6550

67.0130, 59.8790,
-0.3850

246.2220, 24.7170,
-23.9470

44.5420, 48.3240,
5.2840

249.5280, 15.4080,
-14.9280

22.0820, 38.2360,
11.9000

252.8340, 6.0990,

12.9710, 25.3070,

-5.9090

9.4270

■ 0.0000, 0.0000,
0.0000

■ 166.9360, 93.1680,
-14.4800

■ 166.9360, 93.1680,
-14.4800

■ 157.6290,
104.2180, -16.5020

■ 176.2430, 82.1180,
-12.4580


■ 151.9240,
110.6370, -17.1950


■ 186.1370, 70.7930,
-10.9590


■ 195.3300, 60.0640,
-9.2480


■ 205.2240, 48.7390,
-7.7490

■ 214.5310, 37.6890,
-5.7270

 223.7240, 26.9600,
-4.0160

 233.6180, 15.6350,
-2.5170

 242.9250, 4.5850,
-0.4950

 252.0210, -4.4930,
-1.1730

Harmonies

Analogous

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



158.6890, 87.9350, 19.7990



166.9360, 93.1680, -14.4800



160.4210, 65.4360, -51.5560

Triad

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



166.9360, 93.1680, -14.4800



141.8810, -117.0440, -48.4360



174.5500, -5.7390, 43.4530

Complementary

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



166.9360, 93.1680, -14.4800



119.0640, -93.1680, 14.4800

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.



132.3820, -130.2550, -12.7430



166.9360, 93.1680, -14.4800



148.1170, -137.3590, -27.1750

Square

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



166.9360, 93.1680, -14.4800



131.5530, -93.4740, -68.1140



142.9480, -135.2050, -22.1570



171.3890, 46.6630, 62.9430

Rectangle

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



166.9360, 93.1680, -14.4800



158.0000, 24.0810, -56.4870



142.9480, -135.2050, -22.1570



169.9550, -29.3490, 30.8030

Sweetspot

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



166.9360, 93.1680, -14.4800



230.6810, 28.5190, -4.7370



112.2500, 92.8310, 74.2630



112.9880, 17.4690, -2.7150



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.



166.9360, 93.1680, -14.4800



156.6640, 114.3050, -17.5910



221.1950, 62.5960, -66.1720



117.6970, 5.2270, -1.1170



114.3140, 83.3560, -12.8680



36.4250, 26.3640, -4.2280

Inverse Universe

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



119.0640, -93.1680, 14.4800



98.3360, -114.3050, 17.5910



64.8050, -62.5960, 66.1720



114.8900, -5.5020, 0.5940



71.6860, -83.3560, 12.8680



22.5750, -26.3640, 4.2280

Previews

White Background



This preview shows how the YIQ color 166.9360, 93.1680, -14.4800 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 166.9360, 93.1680, -14.4800 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 166.9360, 93.1680, -14.4800

Background



This preview shows how black text looks on a background with the YIQ color 166.9360, 93.1680, -14.4800.



This preview shows how white text looks on a background with the YIQ color 166.9360, 93.1680, -14.4800.

-14.4800.

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

166.9360, 93.1680, -14.4800

Protanopia

165.5730, 53.9250, -35.6670

Deuteranopia

165.8700, 75.1980, -30.2260



Tritanopia

175.6280, 63.5420, 26.8540

Trichromacy



Original Color

166.9360, 93.1680, -14.4800

Protanomaly

166.3300, 68.0910, -28.0770

Deuteranomaly

166.2670, 81.5700, -24.5580

Tritanomaly

172.7040, 74.4110, 11.5870

Monochromacy



Original Color

166.9360, 93.1680, -14.4800

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.7910, 34.0210, -5.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.9360, 93.1680, -14.4800 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(247, 151, 39)` looks like.

```
.text, #text, p{  
    color:rgb(247, 151, 39)  
}
```

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(247, 151, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 151, 39) }
```

Border

The CSS property to change the border of an element to YIQ 166.9360, 93.1680, -14.4800 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(247, 151, 39) }
```


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

```
.border{ border-color:rgb(247, 151, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 151, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 151, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 151, 39);  
box-shadow:4px 4px 4px 4px rgb(247, 151,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 166.9360, 93.1680, -14.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 151, 39) }
```

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

```
.background{ background-color: rgb(247,  
151, 39) }
```

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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