

Converting Colors

YIQ(168.0680, 75.2410,
-14.4790)

Have a look what the booklet for
YIQ(168.0680, 75.2410, -14.4790)
contains.

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Color

**YIQ(168.0680, 75.2410,
-14.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	E79D3C
RGB	231, 157, 60
RGB Percent	91%, 62%, 24%
CMY	0.0940, 0.3844, 0.7643
CMYK	0.00, 0.32, 0.74, 0.09
HSL	34°, 78%, 57%
HSV	34°, 74%, 91%
XYZ	45.8343, 41.4244, 9.8682
YIQ	168.0680, 75.2410, -14.4790

Conversions

Conversions Part 2

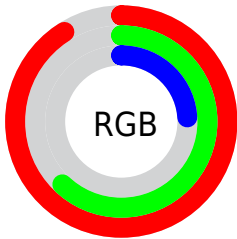
Format	Color
RYB	190, 231, 60
Decimal	15179068
CIELab	70.47, 19.37, 59.25
CIElCh	70, 62.338, 71.901
Yxy	41.4244, 0.4719, 0.4265
Android (android.graphics.Color)	4293369148 (0xFFE79D3C)
YUV	168.0680, -53.2775, 55.1914
Hunter-Lab	64.3618, 14.4830, 35.9627

Details

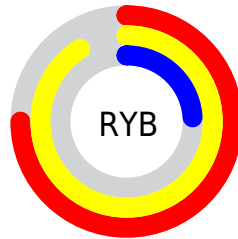
The YIQ color **168.0680, 75.2410, -14.4790** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **122.9320, -75.2410, 14.4790**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.5710, 57.4070, -21.6730**, and **113.0520, 72.1700, -19.3980** is the 20% darker color. If you saturate the color by 10%, you get **159.5760, 85.3740, -16.4020**, and if you desaturate by 10%, it is **176.5600, 65.1080, -12.5560**.

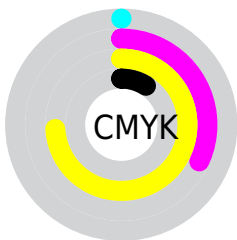
Distribution



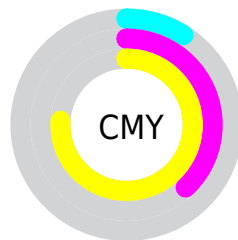
- Red (91%)
- Green (62%)
- Blue (24%)



- Red (75%)
- Yellow (91%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (74%)
- Black (9%)



- Cyan (9%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.0680, 75.2410, -14.4790 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 168.0680, 75.2410, -14.4790 by changing the saturation by 10% instead.

168.0680, 75.2410,
-14.4790

168.0680, 75.2410,
-14.4790

255.0000, -0.0000,
-0.0000

140.6440, 73.4990,
-15.9490

213.5710, 57.4070,
-21.6730

113.0520, 72.1700,
-19.3980

233.0850, 41.0400,
-27.9200

89.7060, 61.7610,
-12.4710

244.9680, 28.2480,
-27.3680

67.5340, 50.8020,
-6.5900

248.1600, 19.2600,
-18.6600

46.2480, 40.1640,
-1.0200

251.4660, 9.9510,
-9.6410

25.8480, 29.8470,
4.2390

254.7720, 0.6420,

10.2800, 19.9430,

-0.6220

7.5190

■ 0.0000, 0.0000,
0.0000

■ 168.0680, 75.2410,
-14.4790

■ 168.0680, 75.2410,
-14.4790

■ 159.5760, 85.3740,
-16.4020

■ 176.5600, 65.1080,
-12.5560

■ 151.0840, 95.5070,
-18.3250

■ 185.0520, 54.9750,
-10.6330

■ 145.9660,
101.6510, -19.5410

■ 193.5440, 44.8420,
-8.7100

■ 202.1500, 34.3880,
-6.4760

■ 210.6420, 24.2550,
-4.5530

■ 219.1340, 14.1220,
-2.6300

■ 227.6260, 3.9890,
-0.7070

■ 236.1180, -6.1440,
1.2160

■ 243.1280,
-12.1040, -0.9040

Harmonies

Analogous

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



166.7760, 83.0760, 14.2440



168.0680, 75.2410, -14.4790



164.1310, 43.4260, -38.1260

Triad

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



168.0680, 75.2410, -14.4790



139.5160, -117.2740, -44.2660



177.2410, -0.3750, 45.3610

Complementary

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



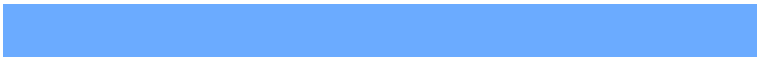
168.0680, 75.2410, -14.4790



122.9320, -75.2410, 14.4790

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.



161.4400, -65.1080, 12.5560



168.0680, 75.2410, -14.4790



143.7970, -133.4620, -26.2140

Square

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



168.0680, 75.2410, -14.4790



131.6160, -97.7850, -61.5690



139.4260, -133.5550, -19.0190



174.0330, 50.2410, 53.1610

Rectangle

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



168.0680, 75.2410, -14.4790



159.5060, 11.3330, -45.7150



139.4260, -133.5550, -19.0190



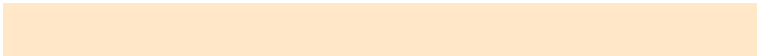
174.1630, -18.0710, 35.6650

Sweetspot

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



168.0680, 75.2410, -14.4790



234.5280, 24.5760, -4.8640



119.5650, 78.1620, 59.2660



115.3190, 15.0390, -2.7290



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.



168.0680, 75.2410, -14.4790



171.5960, 99.8170, -19.3430



208.2170, 48.3350, -55.5130



110.6970, 5.2270, -1.1170



112.8080, 78.9090, -14.8750



32.2720, 22.4210, -4.3550

Inverse Universe

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



122.9320, -75.2410, 14.4790



111.4040, -99.8170, 19.3430



82.7830, -48.3350, 55.5130



107.3030, -5.2270, 1.1170



65.6050, -78.6340, 15.3980



18.7280, -22.4210, 4.3550

Previews

White Background



This preview shows how the YIQ color 168.0680, 75.2410, -14.4790 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 168.0680, 75.2410, -14.4790 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 168.0680, 75.2410, -14.4790

Background



This preview shows how black text looks on a background with the YIQ color 168.0680, 75.2410, -14.4790.



This preview shows how white text looks on a background with the YIQ color 168.0680, 75.2410, -14.4790.

-14.4790.

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

168.0680, 75.2410, -14.4790

Protanopia

166.6680, 46.5880, -29.3480

Deuteranopia

167.4640, 65.0180, -21.9420



Tritanopia

175.1640, 50.1090, 22.5010

Trichromacy



Original Color

168.0680, 75.2410, -14.4790

Protanomaly

167.1040, 57.2240, -23.8640

Deuteranomaly

167.3120, 68.5020, -19.0020

Tritanomaly

172.8100, 59.3730, 8.7890

Monochromacy



Original Color

168.0680, 75.2410, -14.4790

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.0830, 27.3270, -5.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.0680, 75.2410, -14.4790 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(231, 157, 60)` looks like.

```
.text, #text, p{  
    color:rgb(231, 157, 60)  
}
```

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(231, 157, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 157, 60) }
```

Border

The CSS property to change the border of an element to YIQ 168.0680, 75.2410, -14.4790 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(231, 157, 60) }
```


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

```
.border{ border-color:rgb(231, 157, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 157, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 157, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 157, 60);  
box-shadow:4px 4px 4px 4px rgb(231, 157,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 168.0680, 75.2410, -14.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 157, 60) }
```

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

```
.background{ background-color: rgb(231,  
157, 60) }
```

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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