

Converting Colors

YIQ(132.5340, 95.5010, 14.8370)

Have a look what the booklet for
YIQ(132.5340, 95.5010, 14.8370)
contains.

YIQ(132.5340, 95.5010, 14.8370)	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(132.5340, 95.5010,
14.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	E96134
RGB	233, 97, 52
RGB Percent	91%, 38%, 20%
CMY	0.0860, 0.6198, 0.7957
CMYK	0.00, 0.58, 0.78, 0.09
HSL	15°, 80%, 56%
HSV	15°, 78%, 91%
XYZ	38.5205, 26.1240, 6.2735
YIQ	132.5340, 95.5010, 14.8370

Conversions

Conversions Part 2

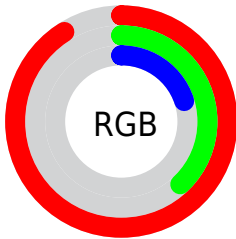
Format	Color
R_{YB}	233, 112, 52
Decimal	15294772
CIE _{Lab}	58.15, 50.38, 50.61
CIE _{LCh}	58, 71.412, 45.126
Yxy	26.1240, 0.5432, 0.3684
Android (android.graphics.Color)	4293484852 (0xFFE96134)
YUV	132.5340, -39.7033, 88.1087
Hunter-Lab	51.1117, 45.0818, 28.5009

Details

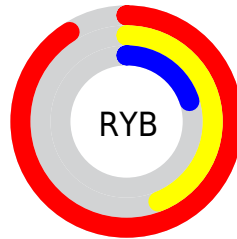
The YIQ color **132.5340, 95.5010, 14.8370** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **152.4660, -95.5010, -14.8370**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5100, 77.7130, 6.8090**, and **75.4840, 89.7700, 14.0740** is the 20% darker color. If you saturate the color by 10%, you get **119.3460, 107.8340, 17.0980**, and if you desaturate by 10%, it is **145.1350, 83.4430, 13.0990**.

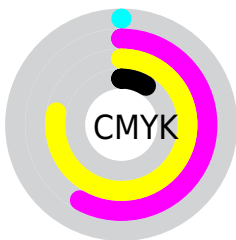
Distribution



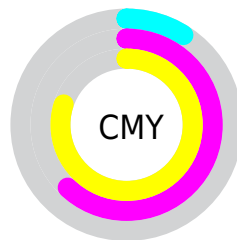
- Red (91%)
- Green (38%)
- Blue (20%)



- Red (91%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (78%)
- Black (9%)




- Cyan (9%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.5340, 95.5010, 14.8370 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 132.5340, 95.5010, 14.8370 by changing the saturation by 10% instead.


 132.5340, 95.5010,
14.8370


 132.5340, 95.5010,
14.8370


255.0000, -0.0000,
-0.0000

 104.3810, 91.5580,
14.7100


 176.5100, 77.7130,
6.8090


 75.5980, 89.4490,
14.3850


 195.7960, 61.9880,
-0.0600

 42.7350, 82.2940,
28.4220


 215.8970, 45.3460,
-6.8300

 32.2920, 64.3680,
22.8960

 235.9980, 28.7040,
-13.6000

 23.3220, 46.4880,
16.5360

 249.7560, 14.7660,
-14.3060

 15.7760, 30.3500,
11.6460

 253.0620, 5.4570,

 0.0000, 0.0000,

-5.2870

0.0000

■ 132.5340, 95.5010,
14.8370

■ 132.5340, 95.5010,
14.8370

■ 119.3460,
107.8340, 17.0980

■ 145.1350, 83.4430,
13.0990

■ 106.6310,
120.2130, 18.5250

■ 158.4370, 70.7890,
11.1490


■ 103.7130,
122.9180, 19.0620


■ 171.6250, 58.4560,
8.8880


■ 184.2260, 46.3980,
7.1500

■ 197.5280, 33.7440,
5.2000

■ 210.1290, 21.6860,
3.4620

 223.3170, 9.3530,
1.2010

 236.0320, -3.0260,
-0.2260

 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



129.6680, 93.5690, 49.8650



132.5340, 95.5010, 14.8370



131.0820, 80.6530, -24.4590

Triad

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



132.5340, 95.5010, 14.8370



109.4120, -79.3550, -54.1630



124.7490, -87.6670, 19.4130

Complementary

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



132.5340, 95.5010, 14.8370



152.4660, -95.5010, -14.8370

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.



120.6420, -124.7550, -2.2830



132.5340, 95.5010, 14.8370



118.1100, -101.0910, -34.6830

Square

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



132.5340, 95.5010, 14.8370



116.8330, -20.8050, -57.9970



122.8470, -118.5630, -15.3870



143.0340, 4.9420, 53.6300

Rectangle

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



132.5340, 95.5010, 14.8370



130.0090, 55.3930, -40.2470



122.8470, -118.5630, -15.3870



113.5980, -121.4550, 3.9930

Sweetspot

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



132.5340, 95.5010, 14.8370



222.4460, 31.0390, 4.6630



121.9650, 63.2570, 81.6010



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.



132.5340, 95.5010, 14.8370



123.4960, 125.0270, 19.3870



184.1900, 71.3010, -31.1870



110.4630, 6.0060, 1.2860



80.5340, 95.5010, 14.8370



23.7770, 28.6090, 4.6490

Inverse Universe

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



152.4660, -95.5010, -14.8370



149.5040, -125.0270, -19.3870



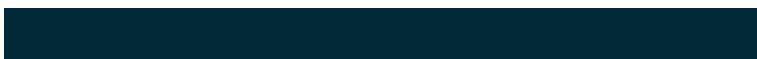
100.8100, -71.3010, 31.1870



111.9500, -5.7310, -0.7630



100.4660, -95.5010, -14.8370



29.6360, -28.3340, -4.1260

Previews

White Background



This preview shows how the YIQ color 132.5340, 95.5010, 14.8370 looks on a white background.

Color Contrast Check

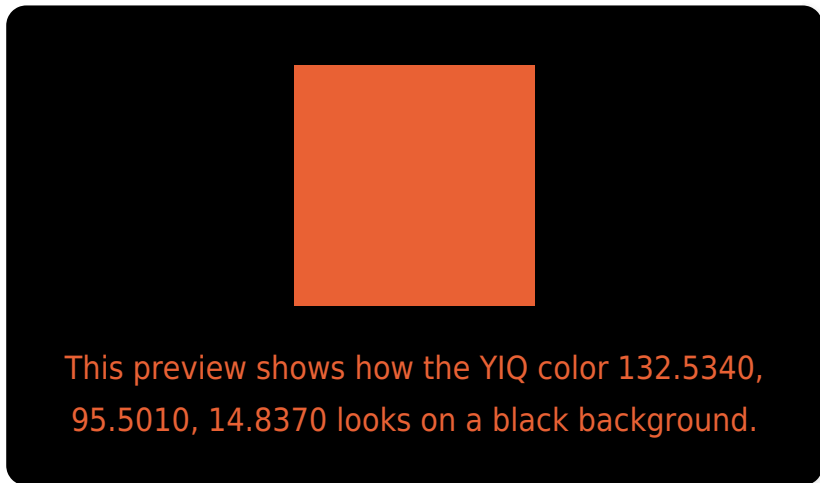
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 132.5340, 95.5010, 14.8370

Background



This preview shows how black text looks on a background with the YIQ color 132.5340, 95.5010, 14.8370.



This preview shows how white text looks on a background with the YIQ color 132.5340, 95.5010,

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

132.5340, 95.5010, 14.8370

Protanopia

136.2340, 33.6110, -19.9330

Deuteranopia

135.4830, 54.8390, -19.1850



Tritanopia

135.4410, 83.3020, 32.1820

Trichromacy



Original Color

132.5340, 95.5010, 14.8370

Protanomaly

134.6440, 56.3040, -7.1840

Deuteranomaly

134.5870, 69.6460, -6.6900

Tritanomaly

134.3780, 87.6130, 25.6370

Monochromacy



Original Color

132.5340, 95.5010, 14.8370

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8270, 34.3400, 5.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5340, 95.5010, 14.8370 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(233, 97, 52)` looks like.

```
.text, #text, p{  
    color:rgb(233, 97, 52)  
}
```

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(233, 97, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 97, 52) }
```

Border

The CSS property to change the border of an element to YIQ 132.5340, 95.5010, 14.8370 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(233, 97, 52) }
```


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

```
.border{ border-color:rgb(233, 97, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 97, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 97, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 97, 52);  
box-shadow:4px 4px 4px 4px rgb(233, 97,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5340, 95.5010, 14.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 97, 52) }
```

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

```
.background{ background-color: rgb(233, 97,  
52) }
```

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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