

Converting Colors

YIQ(132.7990, 93.4370, 19.2050)

Have a look what the booklet for
YIQ(132.7990, 93.4370, 19.2050)
contains.

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Color

**YIQ(132.7990, 93.4370,
19.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5F3E
RGB	234, 95, 62
RGB Percent	92%, 37%, 24%
CMY	0.0820, 0.6276, 0.7565
CMYK	0.00, 0.59, 0.73, 0.08
HSL	11°, 80%, 58%
HSV	11°, 73%, 92%
XYZ	38.9169, 26.0286, 7.5449
YIQ	132.7990, 93.4370, 19.2050

Conversions

Conversions Part 2

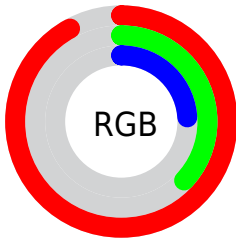
Format	Color
RYB	234, 103, 62
Decimal	15359806
CIELab	58.06, 52.04, 45.55
CIElCh	58, 69.158, 41.195
Yxy	26.0286, 0.5369, 0.3591
Android (android.graphics.Color)	4293549886 (0xFFEA5F3E)
YUV	132.7990, -34.9039, 88.7533
Hunter-Lab	51.0182, 46.8785, 26.9446

Details

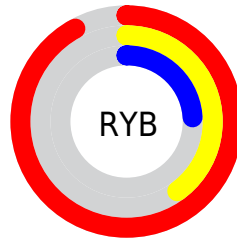
The YIQ color **132.7990, 93.4370, 19.2050** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **163.2010, -93.4370, -19.2050**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9490, 75.0990, 10.1310**, and **75.7320, 86.3760, 20.5200** is the 20% darker color. If you saturate the color by 10%, you get **119.0240, 106.0450, 21.9890**, and if you desaturate by 10%, it is **146.6880, 80.5080, 16.7320**.

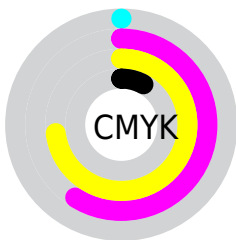
Distribution



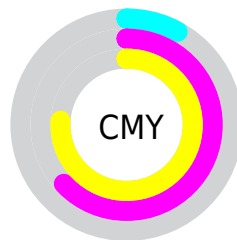
- Red (92%)
- Green (37%)
- Blue (24%)



- Red (92%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (73%)
- Black (8%)





- Cyan (8%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.7990, 93.4370, 19.2050 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 132.7990, 93.4370, 19.2050 by changing the saturation by 10% instead.


 132.7990, 93.4370,
19.2050


 132.7990, 93.4370,
19.2050


255.0000, -0.0000,
-0.0000


 104.7600, 89.1730,
19.3890


 176.9490, 75.0990,
10.1310


 75.7320, 86.3760,
20.5200


 196.3490, 59.0530,
3.5730


 41.8600, 83.4400,
29.6800


 215.8630, 42.6860,
-2.6740

 32.8900, 65.5600,
23.3200

 235.9640, 26.0440,
-9.4440

 23.9200, 47.6800,
16.9600

 250.8960, 11.5560,
-11.1960

 16.0750, 30.9460,
11.8580

 254.2020, 2.2470,

 0.5980, 1.1920,

-2.1770

0.4240

■ 0.0000, 0.0000,
0.0000

■ 132.7990, 93.4370,
19.2050

■ 132.7990, 93.4370,
19.2050

■ 119.0240,
106.0450, 21.9890

■ 146.6880, 80.5080,
16.7320

■ 105.1350,
118.9740, 24.4620


■ 160.4630, 67.9000,
13.9480


■ 96.3810, 127.0890,
26.0730

■ 174.2380, 55.2920,
11.1640


■ 188.1270, 42.3630,
8.6910

■ 201.9020, 29.7550,
5.9070

 215.7910, 16.8260,
3.4340

 229.5660, 4.2180,
0.6500

 242.7540, -8.1150,
-1.6110

 248.7210,
-12.5160, -4.4520

Harmonies

Analogous

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



130.8570, 88.6630, 50.6710



132.7990, 93.4370, 19.2050



130.8160, 84.4580, -21.8300

Triad

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



132.7990, 93.4370, 19.2050



108.0270, -76.8330, -55.8170



110.6630, -120.0800, 6.6080

Complementary

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



132.7990, 93.4370, 19.2050



163.2010, -93.4370, -19.2050

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.



121.1150, -124.7090, -3.1170



132.7990, 93.4370, 19.2050



116.3830, -97.6060, -37.2700

Square

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



132.7990, 93.4370, 19.2050



120.1720, -8.5180, -54.9020



121.7070, -115.3530, -18.4970



142.9080, -3.6310, 49.3050

Rectangle

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



132.7990, 93.4370, 19.2050



130.3410, 60.3900, -37.1940



121.7070, -115.3530, -18.4970



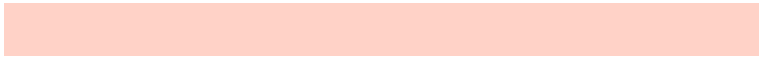
114.7720, -122.0050, 2.9470

Sweetspot

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



132.7990, 93.4370, 19.2050



222.2010, 30.3510, 6.1190



129.5020, 57.2510, 80.3150



108.2750, 18.3390, 3.5470



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.



132.7990, 93.4370, 19.2050



122.6300, 121.9540, 25.5220



182.6940, 70.0620, -25.2500



110.4630, 6.0060, 1.2860



74.6640, 98.2510, 20.0670



22.0160, 29.4340, 6.2180

Inverse Universe

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



163.2010, -93.4370, -19.2050



162.7830, -121.6790, -24.9990



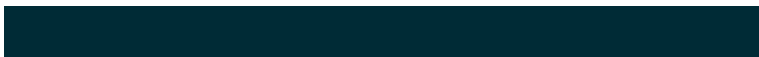
113.8930, -70.3370, 24.7270



112.5370, -6.0060, -1.2860



106.3360, -98.2510, -20.0670



31.3970, -29.1590, -5.6950

Previews

White Background



This preview shows how the YIQ color 132.7990, 93.4370, 19.2050 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



This preview shows how the YIQ color 132.7990, 93.4370, 19.2050 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 × Fail

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

YIQ 132.7990, 93.4370, 19.2050

Background



This preview shows how black text looks on a background with the YIQ color 132.7990, 93.4370, 19.2050.



This preview shows how white text looks on a background with the YIQ color 132.7990, 93.4370,

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

132.7990, 93.4370, 19.2050

Protanopia

136.8900, 28.8880, -16.9360

Deuteranopia

136.1390, 50.1160, -16.1880



Tritanopia

134.9250, 84.8150, 32.2950

Trichromacy



Original Color

132.7990, 93.4370, 19.2050

Protanomaly

135.5990, 52.1770, -3.9750

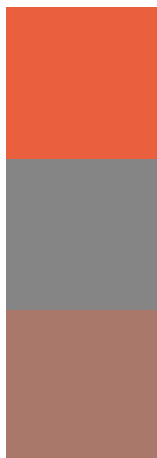
Deuteranomaly

134.8410, 66.1150, -3.2690

Tritanomaly

133.8450, 87.7960, 27.8280

Monochromacy



Original Color

132.7990, 93.4370, 19.2050

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8810, 34.2480, 7.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7990, 93.4370, 19.2050 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(234, 95, 62)` looks like.

```
.text, #text, p{  
    color:rgb(234, 95, 62)  
}
```

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(234, 95, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 95, 62) }
```

Border

The CSS property to change the border of an element to YIQ 132.7990, 93.4370, 19.2050 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(234, 95, 62) }
```


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

```
.border{ border-color:rgb(234, 95, 62) }
```

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

Here you see how a box with a 4 pixel rgb(234, 95, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 95, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 95, 62);  
box-shadow:4px 4px 4px 4px rgb(234, 95,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7990, 93.4370, 19.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 95, 62) }
```

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

```
.background{ background-color: rgb(234, 95,  
62) }
```

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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