

Converting Colors

YIQ(135.1370, 98.2970, 19.2330)

Have a look what the booklet for
YIQ(135.1370, 98.2970, 19.2330)
contains.

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Color

**YIQ(135.1370, 98.2970,
19.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	F1603B
RGB	241, 96, 59
RGB Percent	95%, 38%, 23%
CMY	0.0546, 0.6237, 0.7682
CMYK	0.00, 0.60, 0.75, 0.05
HSL	12°, 87%, 59%
HSV	12°, 75%, 95%
XYZ	41.2732, 27.3867, 7.2630
YIQ	135.1370, 98.2970, 19.2330

Conversions

Conversions Part 2

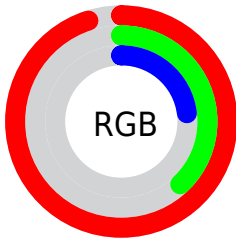
Format	Color
R_{YB}	241, 105, 59
Decimal	15818811
CIE _{Lab}	59.33, 53.93, 48.77
CIE _{LCh}	59, 72.709, 42.124
Yxy	27.3867, 0.5436, 0.3607
Android (android.graphics.Color)	4294008891 (0xFFFF1603B)
YUV	135.1370, -37.5355, 92.8419
Hunter-Lab	52.3323, 49.1969, 28.4039

Details

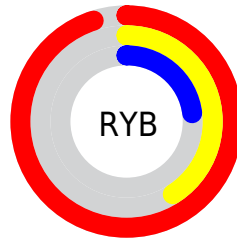
The YIQ color **135.1370, 98.2970, 19.2330** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **164.8630, -98.2970, -19.2330**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.1940, 75.7870, 8.6750**, and **76.9560, 91.5570, 20.2370** is the 20% darker color. If you saturate the color by 10%, you get **121.2480, 111.2260, 21.7060**, and if you desaturate by 10%, it is **149.0260, 85.3680, 16.7600**.

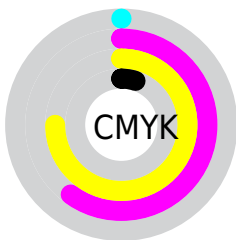
Distribution



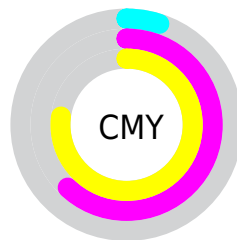
- Red (95%)
- Green (38%)
- Blue (23%)



- Red (95%)
- Yellow (41%)
- Blue (23%)



- Cyan (0%)
- Magenta (60%)
- Yellow (75%)
- Black (5%)





- Cyan (5%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1370, 98.2970, 19.2330 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 135.1370, 98.2970, 19.2330 by changing the saturation by 10% instead.


 135.1370, 98.2970,
19.2330


 135.1370, 98.2970,
19.2330


255.0000, -0.0000,
-0.0000


 106.3970, 94.6290,
19.6290


 177.3080, 75.4660,
8.9860


 77.2550, 92.1530,
20.4490


 196.5940, 59.7410,
2.1170


 43.6540, 87.0160,
30.9520

 216.6950, 43.0990,
-4.6530

 34.3850, 68.5400,
24.3800


 236.7960, 26.4570,
-11.4230

 25.4150, 50.6600,
18.0200

 250.5540, 12.5190,
-12.1290

 17.5700, 33.9260,
12.9180

 253.8600, 3.2100,

 5.6810, 11.3240,

-3.1100

4.0280

■ 0.0000, 0.0000,
0.0000

■ 135.1370, 98.2970,
19.2330

■ 135.1370, 98.2970,
19.2330

■ 121.2480,
111.2260, 21.7060

■ 149.0260, 85.3680,
16.7600

■ 106.7720,
124.4300, 24.7020


■ 162.9150, 72.4390,
14.2870


■ 100.8220,
130.1610, 25.4650


■ 177.3910, 59.2350,
11.2910

■ 191.3940, 45.9850,
9.1290

■ 205.2830, 33.0560,
6.6560

 219.1720, 20.1270,
4.1830

 233.6480, 6.9230,
1.1870

 247.5370, -6.0060,
-1.2860

 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



132.1890, 93.6600, 53.7240



135.1370, 98.2970, 19.2330



134.3600, 85.7420, -23.0740

Triad

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



135.1370, 98.2970, 19.2330



110.7170, -78.8960, -56.9760



112.4240, -120.9050, 5.0390

Complementary

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



135.1370, 98.2970, 19.2330



164.8630, -98.2970, -19.2330

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.



123.5770, -126.1300, -4.8980



135.1370, 98.2970, 19.2330



120.1160, -101.2280, -37.7080

Square

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



135.1370, 98.2970, 19.2330



120.7970, -11.9560, -58.6760



125.7820, -119.9380, -18.0020



146.5000, -2.3020, 52.7540

Rectangle

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



135.1370, 98.2970, 19.2330



133.5860, 61.0780, -38.6500



125.7820, -119.9380, -18.0020



116.5330, -122.8300, 1.3780

Sweetspot

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



135.1370, 98.2970, 19.2330



220.6850, 31.8640, 6.2320



130.0620, 61.6060, 83.9900



106.8730, 19.5310, 3.9710



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.



135.1370, 98.2970, 19.2330



119.9570, 125.3470, 24.6030



187.9670, 73.5470, -27.8370



112.7620, 6.6020, 1.4980



76.7350, 99.4890, 19.6570



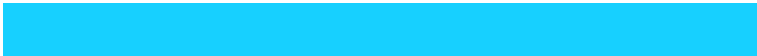
23.2010, 30.3510, 6.1190

Inverse Universe

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



164.8630, -98.2970, -19.2330



158.0430, -125.3470, -24.6030



112.0330, -73.5470, 27.8370



114.6510, -6.3270, -0.9750



106.6780, -99.2140, -19.1340



32.7990, -30.3510, -6.1190

Previews

White Background



This preview shows how the YIQ color 135.1370, 98.2970, 19.2330 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 135.1370, 98.2970, 19.2330 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 135.1370, 98.2970, 19.2330

Background



This preview shows how black text looks on a background with the YIQ color 135.1370, 98.2970, 19.2330.



This preview shows how white text looks on a background with the YIQ color 135.1370, 98.2970,

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

135.1370, 98.2970, 19.2330

Protanopia

139.6190, 31.0890, -18.2790

Deuteranopia

138.9390, 53.5550, -17.9410



Tritanopia

137.1320, 88.6660, 34.0900

Trichromacy



Original Color

135.1370, 98.2970, 19.2330

Protanomaly

138.0400, 55.2490, -4.5830

Deuteranomaly

137.4670, 70.1040, -3.9760

Tritanomaly

136.4110, 92.0140, 28.4780

Monochromacy



Original Color

135.1370, 98.2970, 19.2330

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.2510, 36.0820, 6.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1370, 98.2970, 19.2330 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(241, 96, 59)` looks like.

```
.text, #text, p{  
    color:rgb(241, 96, 59)  
}
```

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(241, 96, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 96, 59) }
```

Border

The CSS property to change the border of an element to YIQ 135.1370, 98.2970, 19.2330 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(241, 96, 59) }
```


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

```
.border{ border-color:rgb(241, 96, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 96, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 96, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 96, 59);  
box-shadow:4px 4px 4px 4px rgb(241, 96,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1370, 98.2970, 19.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 96, 59) }
```

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

```
.background{ background-color: rgb(241, 96,  
59) }
```

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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