

Converting Colors

YIQ(127.1400, 103.3830,
37.1990)

Have a look what the booklet for
YIQ(127.1400, 103.3830, 37.1990)
contains.

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Color

**YIQ(127.1400, 103.3830,
37.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	F94B4C
RGB	249, 75, 76
RGB Percent	98%, 29%, 30%
CMY	0.0231, 0.7061, 0.7015
CMYK	0.00, 0.70, 0.69, 0.02
HSL	360°, 94%, 64%
HSV	360°, 70%, 98%
XYZ	42.9239, 25.7047, 9.5557
YIQ	127.1400, 103.3830, 37.1990

Conversions

Conversions Part 2

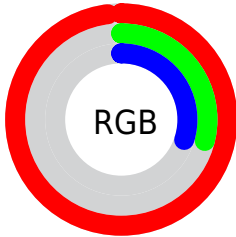
Format	Color
R_{YB}	249, 75, 76
Decimal	16337740
CIE Lab	57.76, 65.70, 38.29
CIE LCh	58, 76.040, 30.232
Yxy	25.7047, 0.5490, 0.3288
Android (android.graphics.Color)	4294527820 (0xFFFF94B4C)
YUV	127.1400, -25.2120, 106.8712
Hunter-Lab	50.6998, 62.3986, 24.3151

Details

The YIQ color **127.1400, 103.3830, 37.1990** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **196.8600, -103.3830, -37.1990**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.1530, 75.0050, 22.8530**, and **58.8490, 100.3090, 48.8610** is the 20% darker color. If you saturate the color by 10%, you get **109.6150, 118.2830, 42.4990**, and if you desaturate by 10%, it is **144.6650, 88.4830, 31.8990**.

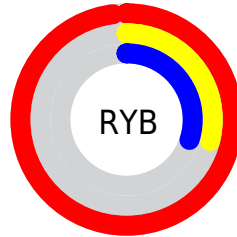
Distribution



Red (98%)

Green (29%)

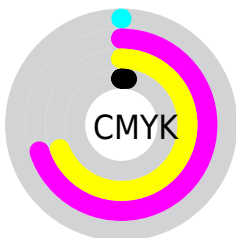
Blue (30%)



Red (98%)

Yellow (29%)

Blue (30%)

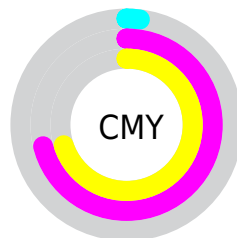


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (2%)



Cyan (2%)


Magenta (71%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.1400, 103.3830, 37.1990 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 127.1400, 103.3830, 37.1990 by changing the saturation by 10% instead.


 127.1400,
103.3830, 37.1990


 127.1400,
103.3830, 37.1990


255.0000, -0.0000,
-0.0000


 94.9920, 101.0440,
41.0440


 169.1530, 75.0050,
22.8530


 58.8490, 100.3090,
48.8610


 189.1400, 58.6840,
15.7720


 46.8870, 87.9780,
35.5460


 209.2410, 42.0420,
9.0020

 36.4780, 72.7120,
25.8640

 229.4560, 25.0790,
2.5430

 27.3230, 53.9150,
19.6030

 250.2580, 7.8410,
-4.4390

 18.8800, 35.9890,
14.0770

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 127.1400,
103.3830, 37.1990

■ 127.1400,
103.3830, 37.1990

■ 109.6150,
118.2830, 42.4990

■ 144.6650, 88.4830,
31.8990

■ 92.2040, 132.8620,
48.1100

■ 162.1900, 73.5830,
26.5990

■ 74.6790, 147.7620,
53.4100

■ 179.6010, 59.0040,
20.9880

■ 197.1260, 44.1040,
15.6880

■ 214.0640, 29.4790,
10.9110

231.5890, 14.5790,
5.6110

249.0000, -0.0000,
-0.0000

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



126.0550, 88.7060, 66.4180



127.1400, 103.3830, 37.1990



129.1650, 99.9530, -10.7910

Triad

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



127.1400, 103.3830, 37.1990



103.4330, -66.6530, -64.1010



115.3590, -122.2800, 2.4240

Complementary

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



127.1400, 103.3830, 37.1990



196.8600, -103.3830, -37.1990

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.



124.0500, -126.0840, -5.7320



127.1400, 103.3830, 37.1990



114.2340, -90.1770, -45.2570

Square

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



127.1400, 103.3830, 37.1990



120.2980, 17.2500, -59.3420



121.8720, -111.6840, -24.4200



139.5650, -36.4580, 44.0060

Rectangle

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



127.1400, 103.3830, 37.1990



130.4510, 75.0600, -27.7240



121.8720, -111.6840, -24.4200



118.8810, -123.9300, -0.7140

Sweetspot

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



127.1400, 103.3830, 37.1990



217.2600, 31.8630, 11.7590



145.9650, 46.0620, 90.3660



105.5680, 19.0720, 6.7840



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.



127.1400, 103.3830, 37.1990



105.1000, 127.2230, 45.6790



176.3340, 80.6040, -7.0440



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Inverse Universe

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



127.1400, 103.3830, 37.1990



105.1000, 127.2230, 45.6790



147.6660, -80.6040, 7.0440



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 127.1400, 103.3830, 37.1990 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 127.1400, 103.3830, 37.1990 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 127.1400, 103.3830, 37.1990

Background



This preview shows how black text looks on a background with the YIQ color 127.1400, 103.3830, 37.1990.



This preview shows how white text looks on a background with the YIQ color 127.1400, 103.3830,

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

127.1400, 103.3830, 37.1990

Protanopia

137.7290, 19.3960, -10.1080

Deuteranopia

136.4360, 45.0260, -12.0460



Tritanopia

127.3680, 102.7410, 37.8210

Trichromacy



Original Color

127.1400, 103.3830, 37.1990

Protanomaly

134.0800, 49.7450, 7.0650

Deuteranomaly

132.9370, 66.2050, 6.1170

Tritanomaly

127.2540, 103.0620, 37.5100

Monochromacy



Original Color

127.1400, 103.3830, 37.1990

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8370, 37.5480, 13.3560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1400, 103.3830, 37.1990 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(249, 75, 76)` looks like.

```
.text, #text, p{  
    color:rgb(249, 75, 76)  
}
```

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(249, 75, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 75, 76) }
```

Border

The CSS property to change the border of an element to YIQ 127.1400, 103.3830, 37.1990 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(249, 75, 76) }
```


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

```
.border{ border-color:rgb(249, 75, 76) }
```

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

Here you see how a box with a 4 pixel rgb(249, 75, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 75, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 75, 76);  
box-shadow:4px 4px 4px 4px rgb(249, 75,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1400, 103.3830, 37.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 75, 76) }
```

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

```
.background{ background-color: rgb(249, 75,  
76) }
```

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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