

Converting Colors

YIQ(129.6350, 106.3630,
38.2590)

Have a look what the booklet for
YIQ(129.6350, 106.3630, 38.2590)
contains.

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Color

**YIQ(129.6350, 106.3630,
38.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4C4D
RGB	255, 76, 77
RGB Percent	100%, 30%, 30%
CMY	0.0000, 0.7022, 0.6976
CMYK	0.00, 0.70, 0.70, 0.00
HSL	360°, 100%, 65%
HSV	360°, 70%, 100%
XYZ	45.1626, 26.9559, 9.8638
YIQ	129.6350, 106.3630, 38.2590

Conversions

Conversions Part 2

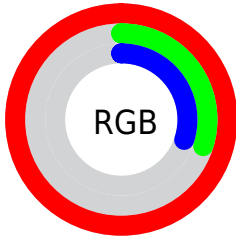
Format	Color
RYB	255, 76, 77
Decimal	16731213
CIELab	58.93, 67.18, 39.37
CIELCh	59, 77.865, 30.374
Yxy	26.9559, 0.5509, 0.3288
Android (android.graphics.Color)	4294921293 (0xFFFF4C4D)
YUV	129.6350, -25.9491, 109.9451
Hunter-Lab	51.9190, 64.4128, 25.0792

Details

The YIQ color **129.6350, 106.3630, 38.2590** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **201.3650, -106.3630, -38.2590**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.8540, 74.4090, 22.6410**, and **60.4580, 102.9680, 50.2320** is the 20% darker color. If you saturate the color by 10%, you get **111.5230, 121.5380, 44.0820**, and if you desaturate by 10%, it is **147.1600, 91.4630, 32.9590**.

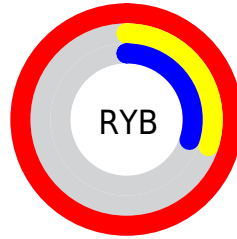
Distribution



Red (100%)

Green (30%)

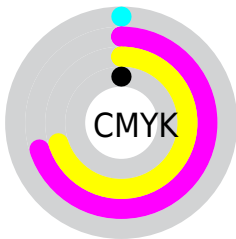
Blue (30%)



Red (100%)

Yellow (30%)

Blue (30%)

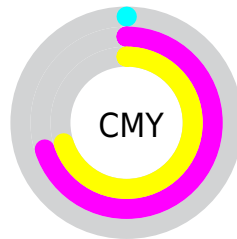


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (70%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.6350, 106.3630, 38.2590 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 129.6350, 106.3630, 38.2590 by changing the saturation by 10% instead.


 129.6350,
106.3630, 38.2590


 129.6350,
106.3630, 38.2590


255.0000, -0.0000,
-0.0000


 97.4870, 104.0240,
42.1040


 169.8540, 74.4090,
22.6410

 60.4580, 102.9680,
50.2320


 189.9550, 57.7670,
15.8710

 48.7950, 91.2330,
37.1290


 209.9420, 41.4460,
8.7900

 37.9730, 75.6920,
26.9240

 230.7440, 24.2080,
1.8080

 28.8180, 56.8950,
20.6630

 251.5460, 6.9700,
-5.1740

 20.3750, 38.9690,
15.1370

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 129.6350,
106.3630, 38.2590

■ 129.6350,
106.3630, 38.2590

■ 111.5230,
121.5380, 44.0820

■ 147.1600, 91.4630,
32.9590

■ 93.8840, 136.7590,
49.0710

■ 165.3860, 75.9670,
27.4470

■ 76.4730, 151.3380,
54.6820

■ 182.9110, 61.0670,
22.1470

■ 201.0230, 45.8920,
16.3240

■ 218.6620, 30.6710,
11.3350

236.7740, 15.4960,
5.5120

254.2990, 0.5960,
0.2120

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



127.2940, 89.5310, 67.9870



129.6350, 106.3630, 38.2590



131.5350, 101.7870, -10.9890

Triad

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



129.6350, 106.3630, 38.2590



105.8950, -68.0740, -65.8820



117.1200, -123.1050, 0.8550

Complementary

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



129.6350, 106.3630, 38.2590



201.3650, -106.3630, -38.2590

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.



126.5120, -127.5050, -7.5130



129.6350, 106.3630, 38.2590



116.4510, -92.2860, -45.5820

Square

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



129.6350, 106.3630, 38.2590



122.6570, 17.6170, -60.4870



124.3170, -114.4350, -24.1230



141.6360, -35.2200, 43.5960

Rectangle

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



129.6350, 106.3630, 38.2590



133.4080, 76.6190, -28.4450



124.3170, -114.4350, -24.1230



121.2290, -125.0300, -2.8060

Sweetspot

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



129.6350, 106.3630, 38.2590



217.2600, 31.8630, 11.7590



149.0300, 47.4370, 92.9810



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.



129.6350, 106.3630, 38.2590



105.1000, 127.2230, 45.6790



180.0030, 83.0340, -7.0300



118.8870, 7.7480, 2.7560



57.2230, 113.5150, 40.8030



19.1360, 38.1440, 13.5680

Inverse Universe

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



129.6350, 106.3630, 38.2590



105.1000, 127.2230, 45.6790



150.4100, -82.7590, 7.5530



118.8870, 7.7480, 2.7560



57.2230, 113.5150, 40.8030



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 129.6350, 106.3630, 38.2590 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 129.6350, 106.3630, 38.2590 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 129.6350, 106.3630, 38.2590

Background



This preview shows how black text looks on a background with the YIQ color 129.6350, 106.3630, 38.2590.



This preview shows how white text looks on a background with the YIQ color 129.6350, 106.3630,

38.2590.

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

129.6350, 106.3630, 38.2590

Protanopia

140.6150, 19.7170, -10.4190

Deuteranopia

139.2080, 45.6680, -12.6680



Tritanopia

129.8630, 105.7210, 38.8810

Trichromacy



Original Color

129.6350, 106.3630, 38.2590

Protanomaly

136.5640, 51.2580, 7.1780

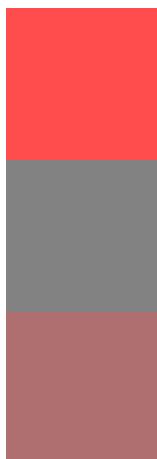
Deuteranomaly

136.0080, 67.4430, 5.7070

Tritanomaly

129.7490, 106.0420, 38.5700

Monochromacy



Original Color

129.6350, 106.3630, 38.2590

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.5490, 38.4190, 14.0910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6350, 106.3630, 38.2590 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(255, 76, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 77)  
}
```

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(255, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 77) }
```

Border

The CSS property to change the border of an element to YIQ 129.6350, 106.3630, 38.2590 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(255, 76, 77) }
```


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

```
.border{ border-color:rgb(255, 76, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6350, 106.3630, 38.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 77) }
```

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

```
.background{ background-color: rgb(255, 76,  
77) }
```

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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