

# Converting Colors

YIQ(129.2830, 104.1180,  
29.3820)

Have a look what the booklet for  
YIQ(129.2830, 104.1180, 29.3820)  
contains.

<b>YIQ(129.2830, 104.1180, 29.3820)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(129.2830, 104.1180,  
29.3820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F75240
RGB	247, 82, 64
RGB Percent	97%, 32%, 25%
CMY	0.0310, 0.6787, 0.7486
CMYK	0.00, 0.67, 0.74, 0.03
HSL	6°, 92%, 61%
HSV	6°, 74%, 97%
XYZ	42.3327, 26.1874, 7.6902
YIQ	129.2830, 104.1180, 29.3820

# Conversions

## Conversions Part 2

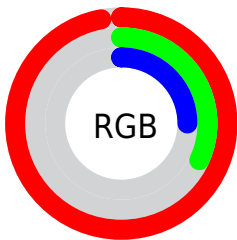
<b>Format</b>	<b>Color</b>
<b>RYB</b>	247, 84, 64
Decimal	16208448
CIELab	58.21, 61.95, 45.28
CIELCh	58, 76.737, 36.166
Yxy	26.1874, 0.5555, 0.3436
Android (android.graphics.Color)	4294398528 (0xFFFF75240)
YUV	129.2830, -32.1845, 103.2378
Hunter-Lab	51.1736, 58.1079, 26.9116

# Details

The YIQ color **129.2830, 104.1180, 29.3820** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **181.7170, -104.1180, -29.3820**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.7200, 77.4820, 16.5060**, and **60.2910, 101.6400, 41.2560** is the 20% darker color. If you saturate the color by 10%, you get **113.5190, 118.1930, 33.1130**, and if you desaturate by 10%, it is **145.0470, 90.0430, 25.6510**.

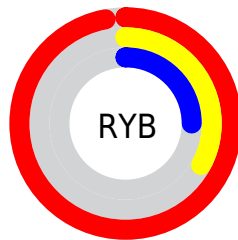
# Distribution



Red (97%)

Green (32%)

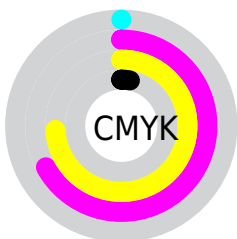
Blue (25%)



Red (97%)

Yellow (33%)

Blue (25%)

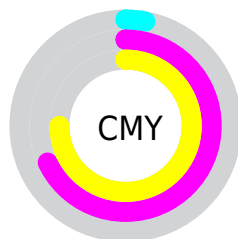


Cyan (0%)

Magenta (67%)

Yellow (74%)

Black (3%)



Cyan (3%)

Magenta (68%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2830, 104.1180, 29.3820 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 129.2830, 104.1180, 29.3820 by changing the saturation by 10% instead.





 129.2830,  
104.1180, 29.3820


 129.2830,  
104.1180, 29.3820


255.0000, -0.0000,  
-0.0000


 98.8960, 100.9540,  
31.6580


 170.7200, 77.4820,  
16.5060


 60.2910, 101.6400,  
41.2560


 190.7070, 61.1610,  
9.4250


 45.1490, 89.9960,  
32.0120


 210.8080, 44.5190,  
2.6550

 35.8800, 71.5200,  
25.4400

 230.9090, 27.8770,  
-4.1150

 26.6110, 53.0440,  
18.8680

 251.1240, 10.9140,  
-10.5740

 18.5810, 35.3930,  
13.8650

 254.4300, 1.6050,

 6.8770, 13.7080,

-1.5550

4.8760

■ 0.0000, 0.0000,  
0.0000

■ 129.2830,  
104.1180, 29.3820

■ 129.2830,  
104.1180, 29.3820

■ 113.5190,  
118.1930, 33.1130

■ 145.0470, 90.0430,  
25.6510

■ 97.2820, 132.2220,  
37.6780

■ 161.3980, 75.6930,  
21.3970

■ 87.9410, 140.6120,  
39.8120

■ 177.0480, 61.9390,  
17.3550

■ 192.8120, 47.8640,  
13.6240

■ 208.5760, 33.7890,  
9.8930

■ 224.8130, 19.7600,  
5.3280

■ 240.5770, 5.6850,  
1.5970

■ 252.6080, -4.7680,  
-1.6960

# Harmonies

## Analogous

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



124.9970, 94.6210, 63.8450



129.2830, 104.1180, 29.3820



131.1810, 93.8560, -15.9360

# Triad

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



129.2830, 104.1180, 29.3820



106.7900, -71.9720, -61.3160



113.5980, -121.4550, 3.9930

# Complementary

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



129.2830, 104.1180, 29.3820



181.7170, -104.1180, -29.3820

# 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



129.2830, 104.1180, 29.3820



116.5310, -95.2670, -41.1150

# Square

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



129.2830, 104.1180, 29.3820



117.8620, 6.6140, -64.8260



123.4680, -116.1780, -20.0660



142.6490, -18.8990, 50.6770



# Rectangle

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



129.2830, 104.1180, 29.3820



131.2820, 68.0460, -32.7700



123.4680, -116.1780, -20.0660



117.7070, -123.3800, 0.3320

# Sweetspot

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



129.2830, 104.1180, 29.3820



218.6790, 32.0010, 9.2570



137.8690, 55.1400, 91.0440



106.5140, 19.1640, 5.1160



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.



129.2830, 104.1180, 29.3820



108.7870, 129.2420, 36.6180



181.5260, 79.6430, -17.1650



114.1750, 6.8770, 2.0210



66.1800, 105.9060, 30.0180



21.1630, 33.5140, 9.3700



# Inverse Universe

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



181.7170, -104.1180, -29.3820



174.2130, -129.2420, -36.6180



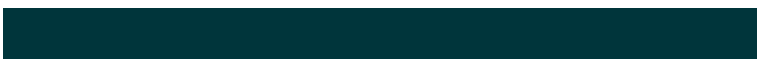
129.4740, -79.6430, 17.1650



117.8250, -6.8770, -2.0210



119.8200, -105.9060, -30.0180



37.8370, -33.5140, -9.3700



# Previews

## White Background



This preview shows how the YIQ color 129.2830, 104.1180, 29.3820 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 129.2830, 104.1180, 29.3820 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 129.2830, 104.1180, 29.3820

## Background



This preview shows how black text looks on a background with the YIQ color 129.2830, 104.1180, 29.3820.



This preview shows how white text looks on a background with the YIQ color 129.2830, 104.1180,



# 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

129.2830, 104.1180, 29.3820

### Protanopia

137.6880, 26.6410, -14.7590

### Deuteranopia

136.4380, 50.7120, -15.9760



## Tritanopia

129.9870, 99.4400, 37.0720

# Trichromacy



## Original Color

129.2830, 104.1180, 29.3820

## Protanomaly

134.7290, 54.9270, 1.2550

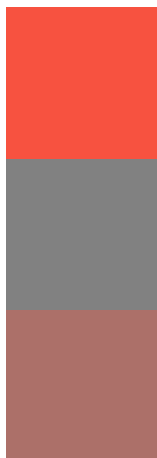
## Deuteranomaly

133.5150, 70.1490, 0.7170

## Tritanomaly

129.7760, 101.4120, 34.3720

# Monochromacy



## Original Color

129.2830, 104.1180, 29.3820

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1420, 38.0070, 10.5430

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 129.2830, 104.1180, 29.3820 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(247, 82, 64)` looks like.

```
.text, #text, p{  
    color:rgb(247, 82, 64)  
}
```

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(247, 82, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 82, 64) }
```

## Border

The CSS property to change the border of an element to YIQ 129.2830, 104.1180, 29.3820 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(247, 82, 64) }
```



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

```
.border{ border-color:rgb(247, 82, 64) }
```

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

Here you see how a box with a 4 pixel rgb(247, 82, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 82, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 82, 64);  
box-shadow:4px 4px 4px 4px rgb(247, 82,  
64) }
```

# Background

The CSS property to change the background color of an element to YIQ 129.2830, 104.1180, 29.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 82, 64) }
```

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

```
.background{ background-color: rgb(247, 82,  
64) }
```

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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