

Converting Colors

YIQ(130.3830, 89.2170, 29.6090)

Have a look what the booklet for
YIQ(130.3830, 89.2170, 29.6090)
contains.

YIQ(130.3830, 89.2170, 29.6090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(130.3830, 89.2170,
29.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	EA5752
RGB	234, 87, 82
RGB Percent	92%, 34%, 32%
CMY	0.0820, 0.6590, 0.6781
CMYK	0.00, 0.63, 0.65, 0.08
HSL	2°, 78%, 62%
HSV	2°, 65%, 92%
XYZ	38.8904, 24.9244, 10.7620
YIQ	130.3830, 89.2170, 29.6090

Conversions

Conversions Part 2

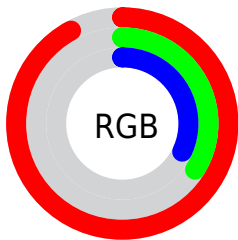
Format	Color
RYB	234, 87, 82
Decimal	15357778
CIELab	57.00, 56.53, 33.39
CIELCh	57, 65.661, 30.569
Yxy	24.9244, 0.5215, 0.3342
Android (android.graphics.Color)	4293547858 (0xFFEA5752)
YUV	130.3830, -23.8528, 90.8721
Hunter-Lab	49.9243, 51.6816, 22.1661

Details

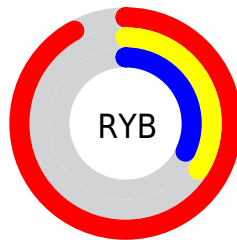
The YIQ color **130.3830, 89.2170, 29.6090** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **185.6170, -89.2170, -29.6090**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.2340, 70.2830, 20.3230**, and **70.3210, 83.7600, 34.8960** is the 20% darker color. If you saturate the color by 10%, you get **114.2600, 102.9250, 34.4850**, and if you desaturate by 10%, it is **146.6200, 75.1880, 25.0440**.

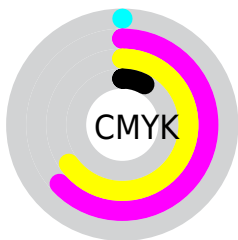
Distribution



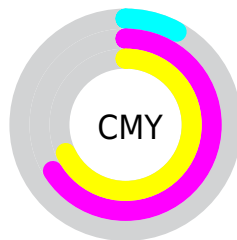
- Red (92%)
- Green (34%)
- Blue (32%)



- Red (92%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (63%)
- Yellow (65%)
- Black (8%)





- Cyan (8%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.3830, 89.2170, 29.6090 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 130.3830, 89.2170, 29.6090 by changing the saturation by 10% instead.


 130.3830, 89.2170,
29.6090


 130.3830, 89.2170,
29.6090


255.0000, -0.0000,
-0.0000


 101.4690, 86.0990,
31.0510


 175.2340, 70.2830,
20.3230


 70.3210, 83.7600,
34.8960


 194.6340, 54.2370,
13.7650

 43.9830, 78.9000,
34.8680


 214.1480, 37.8700,
7.5180

 33.1890, 66.1560,
23.5320

 234.9500, 20.6320,
0.5360

 23.9200, 47.6800,
16.9600

 253.4040, 4.4940,
-4.3540

 16.0750, 30.9460,
11.8580

 0.2990, 0.5960,

0.2120

■ 0.0000, 0.0000,
0.0000

■ 130.3830, 89.2170,
29.6090

■ 130.3830, 89.2170,
29.6090

■ 114.2600,
102.9250, 34.4850

■ 146.6200, 75.1880,
25.0440

■ 98.6100, 116.6790,
38.5270

■ 162.1560, 61.7550,
20.6910

■ 82.4870, 130.3870,
43.4030

■ 178.2790, 48.0470,
15.8150

■ 74.0750, 137.5390,
45.9470

■ 194.5160, 34.0180,
11.2500

■ 210.0520, 20.5850,
6.8970

■ 226.2890, 6.5560,
2.3320

■ 242.4120, -7.1520,
-2.5440

■ 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.



131.4950, 75.1830, 52.6790



130.3830, 89.2170, 29.6090



131.1710, 82.6210, -5.0510

Triad

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



130.3830, 89.2170, 29.6090



102.1110, -68.4420, -59.2100



112.6690, -120.2170, 3.5830

Complementary

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



130.3830, 89.2170, 29.6090



185.6170, -89.2170, -29.6090

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.



119.0630, -118.9310, -8.7150



130.3830, 89.2170, 29.6090



111.1850, -88.4810, -42.9530

Square

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



130.3830, 89.2170, 29.6090



121.6110, 15.2310, -50.2810



117.2100, -106.8240, -24.3920



138.2960, -28.5710, 38.7330

Rectangle

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



130.3830, 89.2170, 29.6090



128.6570, 71.4840, -28.9960



117.2100, -106.8240, -24.3920



115.9630, -121.2250, -0.1770

Sweetspot

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



130.3830, 89.2170, 29.6090



221.9390, 28.3330, 9.6530



144.5480, 42.4420, 78.8740



107.5570, 17.6050, 5.8370



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.



130.3830, 89.2170, 29.6090



119.0230, 116.9540, 39.0500



173.8210, 68.8670, -9.0930



109.2890, 6.5560, 2.3320



57.6410, 106.2260, 35.2340



17.3200, 31.6340, 10.4020

Inverse Universe

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



185.6170, -89.2170, -29.6090



191.9770, -116.9540, -39.0500



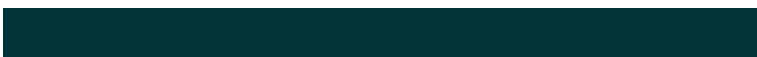
142.7660, -69.1420, 8.5700



113.7110, -6.5560, -2.3320



123.3590, -106.2260, -35.2340



36.6800, -31.6340, -10.4020

Previews

White Background



This preview shows how the YIQ color 130.3830, 89.2170, 29.6090 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 130.3830, 89.2170, 29.6090 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 130.3830, 89.2170, 29.6090

Background



This preview shows how black text looks on a background with the YIQ color 130.3830, 89.2170, 29.6090.



This preview shows how white text looks on a background with the YIQ color 130.3830, 89.2170,

29.6090.

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

130.3830, 89.2170, 29.6090

Protanopia

136.0000, 17.1950, -8.7650

Deuteranopia

135.5650, 40.3490, -9.8830



Tritanopia

130.8220, 86.6030, 32.9310

Trichromacy



Original Color

130.3830, 89.2170, 29.6090

Protanomaly

134.2040, 43.4640, 5.2560

Deuteranomaly

133.6910, 58.0900, 4.5060

Tritanomaly

130.4800, 87.5660, 31.9980

Monochromacy



Original Color

130.3830, 89.2170, 29.6090

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0320, 32.5050, 11.1370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.3830, 89.2170, 29.6090 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, 87, 82)` looks like.

```
.text, #text, p{  
    color:rgb(234, 87, 82)  
}
```

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, 87, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 87, 82) }
```

Border

The CSS property to change the border of an element to YIQ 130.3830, 89.2170, 29.6090 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, 87, 82) }
```


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

```
.border{ border-color:rgb(234, 87, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 87, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 87, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 87, 82);  
box-shadow:4px 4px 4px 4px rgb(234, 87,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 130.3830, 89.2170, 29.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 87, 82) }
```

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

```
.background{ background-color: rgb(234, 87,  
82) }
```

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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