

Converting Colors

YIQ(130.2450, 80.9180, 31.3340)

Have a look what the booklet for
YIQ(130.2450, 80.9180, 31.3340)
contains.

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Color

**YIQ(130.2450, 80.9180,
31.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	E3585E
RGB	227, 88, 94
RGB Percent	89%, 35%, 37%
CMY	0.1095, 0.6551, 0.6311
CMYK	0.00, 0.61, 0.59, 0.11
HSL	357°, 71%, 62%
HSV	357°, 61%, 89%
XYZ	37.2144, 24.1242, 13.3037
YIQ	130.2450, 80.9180, 31.3340

Conversions

Conversions Part 2

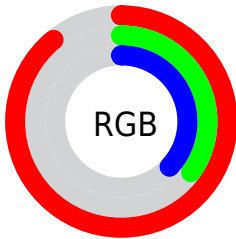
Format	Color
R_YB	227, 88, 94
Decimal	14899294
CIE Lab	56.21, 54.53, 25.26
CIE LCh	56, 60.095, 24.856
Yxy	24.1242, 0.4986, 0.3232
Android (android.graphics.Color)	4293089374 (0xFFE3585E)
YUV	130.2450, -17.8688, 84.8541
Hunter-Lab	49.1164, 49.2917, 18.3222

Details

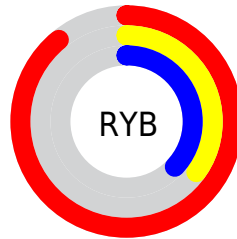
The YIQ color **130.2450, 80.9180, 31.3340** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **184.7550, -80.9180, -31.3340**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6020, 66.4310, 24.0550**, and **71.5420, 75.8280, 35.4760** is the 20% darker color. If you saturate the color by 10%, you get **114.2360, 94.3050, 36.5210**, and if you desaturate by 10%, it is **146.2540, 67.5310, 26.1470**.

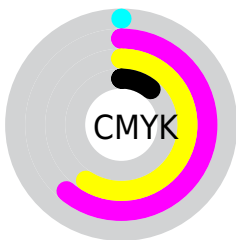
Distribution



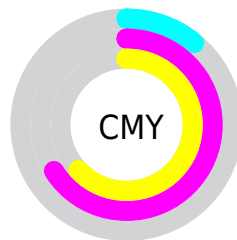
- Red (89%)
- Green (35%)
- Blue (37%)



- Red (89%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (11%)




- Cyan (11%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.2450, 80.9180, 31.3340 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 130.2450, 80.9180, 31.3340 by changing the saturation by 10% instead.


 130.2450, 80.9180,
31.3340


 130.2450, 80.9180,
31.3340


255.0000, -0.0000,
-0.0000


 101.8040, 77.8460,
31.9420


 176.6020, 66.4310,
24.0550


 71.5420, 75.8280,
35.4760


 196.1160, 50.0640,
17.8080


 43.7420, 72.3890,
37.2290

 216.2170, 33.4220,
11.0380

 31.9220, 62.5340,
23.0940

 236.4320, 16.4590,
4.5790

 22.7240, 45.2960,
16.1120

 14.8790, 28.5620,
11.0100

 0.0000, 0.0000,

0.0000

■ 130.2450, 80.9180,
31.3340

■ 130.2450, 80.9180,
31.3340

■ 114.2360, 94.3050,
36.5210

■ 146.2540, 67.5310,
26.1470

■ 98.9280, 107.0960,
41.4960

■ 161.5620, 54.7400,
21.1720

■ 82.9190, 120.4830,
46.6830

■ 177.5710, 41.3530,
15.9850

■ 69.0130, 132.0820,
51.2340

■ 193.5800, 27.9660,
10.7980

■ 209.0020, 14.8540,
6.1340

■ 224.8970, 1.7880,
0.6360

■ 240.9060,
-11.5990, -4.5510

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



132.6290, 62.9420, 48.7500



130.2450, 80.9180, 31.3340



130.4620, 77.6680, 2.1160

Triad

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



130.2450, 80.9180, 31.3340



111.0500, -40.1090, -49.5570



111.7740, -116.3190, -0.9830

Complementary

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



130.2450, 80.9180, 31.3340



184.7550, -80.9180, -31.3340

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.



116.0650, -113.2450, -12.6450



130.2450, 80.9180, 31.3340



107.4690, -83.5290, -44.5930

Square

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



130.2450, 80.9180, 31.3340



123.2470, 22.4280, -43.0440



113.5110, -100.5420, -28.1100



134.5780, -38.4730, 30.9590

Rectangle

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



130.2450, 80.9180, 31.3340



129.1270, 67.5850, -18.9030



113.5110, -100.5420, -28.1100



113.7800, -116.4560, -4.0080

Sweetspot

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



130.2450, 80.9180, 31.3340



222.9820, 26.7740, 10.3740



143.3140, 34.0530, 71.2130



107.8990, 16.6420, 6.7700



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.



130.2450, 80.9180, 31.3340



123.5370, 109.7550, 42.8670



166.5420, 65.5190, -3.4810



106.7020, 6.8310, 2.8550



54.4330, 104.1160, 40.4360



15.4770, 29.7540, 11.4340

Inverse Universe

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



130.2450, 80.9180, 31.3340



123.5370, 109.7550, 42.8670



148.4580, -65.5190, 3.4810



106.7020, 6.8310, 2.8550



54.4330, 104.1160, 40.4360



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 130.2450, 80.9180, 31.3340 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 130.2450, 80.9180, 31.3340 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 130.2450, 80.9180, 31.3340

Background



This preview shows how black text looks on a background with the YIQ color 130.2450, 80.9180, 31.3340.



This preview shows how white text looks on a background with the YIQ color 130.2450, 80.9180,

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

130.2450, 80.9180, 31.3340

Protanopia

134.8130, 10.5920, -4.7360

Deuteranopia

134.3780, 33.7460, -5.8540



Tritanopia

130.2450, 80.9180, 31.3340

Trichromacy



Original Color

130.2450, 80.9180, 31.3340

Protanomaly

133.1910, 36.3110, 8.2390

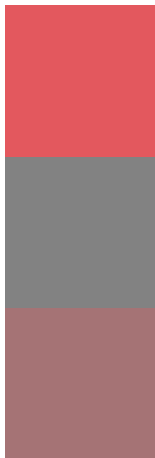
Deuteranomaly

132.7920, 50.6160, 7.8000

Tritanomaly

130.2450, 80.9180, 31.3340

Monochromacy



Original Color

130.2450, 80.9180, 31.3340

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1780, 29.1580, 11.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2450, 80.9180, 31.3340 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(227, 88, 94)` looks like.

```
.text, #text, p{  
    color:rgb(227, 88, 94)  
}
```

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(227, 88, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 88, 94) }
```

Border

The CSS property to change the border of an element to YIQ 130.2450, 80.9180, 31.3340 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(227, 88, 94) }
```


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

```
.border{ border-color:rgb(227, 88, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 88, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 88, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 88, 94);  
box-shadow:4px 4px 4px 4px rgb(227, 88,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2450, 80.9180, 31.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 88, 94) }
```

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

```
.background{ background-color: rgb(227, 88,  
94) }
```

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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