

Converting Colors

YIQ(129.7400, 83.8980, 32.3940)

Have a look what the booklet for
YIQ(129.7400, 83.8980, 32.3940)
contains.

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Color

**YIQ(129.7400, 83.8980,
32.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	E6565C
RGB	230, 86, 92
RGB Percent	90%, 34%, 36%
CMY	0.0977, 0.6629, 0.6389
CMYK	0.00, 0.63, 0.60, 0.10
HSL	357°, 74%, 62%
HSV	357°, 63%, 90%
XYZ	37.9199, 24.2577, 12.8280
YIQ	129.7400, 83.8980, 32.3940

Conversions

Conversions Part 2

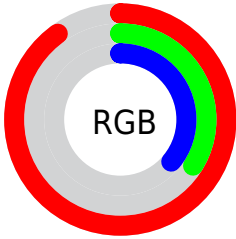
Format	Color
R_{YB}	230, 86, 92
Decimal	15095388
CIE _{Lab}	56.34, 56.25, 26.69
CIE _{LCh}	56, 62.261, 25.380
Yxy	24.2577, 0.5056, 0.3234
Android (android.graphics.Color)	4293285468 (0xFFE6565C)
YUV	129.7400, -18.6058, 87.9280
Hunter-Lab	49.2521, 51.2384, 19.0340

Details

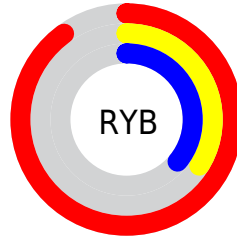
The YIQ color **129.7400, 83.8980, 32.3940** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **186.2600, -83.8980, -32.3940**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7870, 67.3480, 23.9560**, and **69.5640, 78.7620, 37.3700** is the 20% darker color. If you saturate the color by 10%, you get **113.7310, 97.2850, 37.5810**, and if you desaturate by 10%, it is **145.7490, 70.5110, 27.2070**.

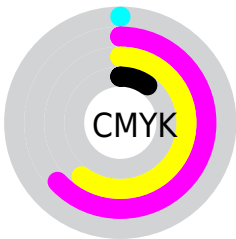
Distribution



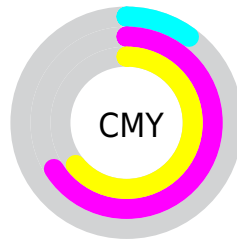
- Red (90%)
- Green (34%)
- Blue (36%)



- Red (90%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (63%)
- Yellow (60%)
- Black (10%)



- Cyan (10%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.7400, 83.8980, 32.3940 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 129.7400, 83.8980, 32.3940 by changing the saturation by 10% instead.


 129.7400, 83.8980,
32.3940


 129.7400, 83.8980,
32.3940


255.0000, -0.0000,
-0.0000


 100.8260, 80.7800,
33.8360


 175.7870, 67.3480,
23.9560


 68.9770, 79.0370,
37.8930


 195.3010, 50.9810,
17.7090

 44.2260, 73.9020,
37.3420


 214.8150, 34.6140,
11.4620

 32.2920, 64.3680,
22.8960

 235.0300, 17.6510,
5.0030

 23.3220, 46.4880,
16.5360

254.7720, 0.6420,
-0.6220

 15.1780, 29.1580,
11.2220

 0.0000, 0.0000,

0.0000

■ 129.7400, 83.8980,
32.3940

■ 129.7400, 83.8980,
32.3940

■ 113.7310, 97.2850,
37.5810

■ 145.7490, 70.5110,
27.2070

■ 97.7220, 110.6720,
42.7680

■ 161.7580, 57.1240,
22.0200

■ 81.7130, 124.0590,
47.9550

■ 177.7670, 43.7370,
16.8330

■ 69.9100, 133.8700,
51.8700

■ 193.7760, 30.3500,
11.6460

■ 209.7850, 16.9630,
6.4590

■ 225.7940, 3.5760,
1.2720

■ 241.8030, -9.8110,
-3.9150

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



132.0640, 66.1510, 51.1670



129.7400, 83.8980, 32.3940



130.6040, 80.1440, 1.2960

Triad

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



129.7400, 83.8980, 32.3940



108.5330, -46.0230, -52.5110



112.2300, -117.6030, 0.2610

Complementary

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



129.7400, 83.8980, 32.3940



186.2600, -83.8980, -32.3940

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.



117.1080, -114.8040, -11.9240



129.7400, 83.8980, 32.3940



108.1700, -84.1250, -44.8050

Square

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



129.7400, 83.8980, 32.3940



122.8510, 23.4830, -45.6450



114.4400, -101.7800, -27.7000



134.7460, -38.8860, 32.9380

Rectangle

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



129.7400, 83.8980, 32.3940



128.4000, 71.0700, -21.4900



114.4400, -101.7800, -27.7000



114.8230, -118.0150, -3.2870

Sweetspot

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



129.7400, 83.8980, 32.3940



221.5800, 27.9660, 10.7980



143.3790, 35.4280, 73.8280



107.0840, 17.5590, 6.6710



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.



129.7400, 83.8980, 32.3940



122.0210, 111.2680, 42.9800



167.2110, 67.9490, -3.4670



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.



129.7400, 83.8980, 32.3940



122.0210, 111.2680, 42.9800



148.7890, -67.9490, 3.4670



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 129.7400, 83.8980, 32.3940 looks on a white background.

Color Contrast Check

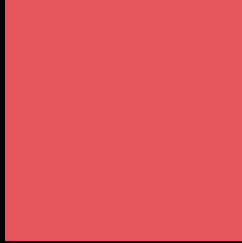
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7400, 83.8980, 32.3940 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 129.7400, 83.8980, 32.3940

Background



This preview shows how black text looks on a background with the YIQ color 129.7400, 83.8980, 32.3940.



This preview shows how white text looks on a background with the YIQ color 129.7400, 83.8980,

32.3940.

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

129.7400, 83.8980, 32.3940

Protanopia

134.8840, 11.8300, -5.1460

Deuteranopia

134.4490, 34.9840, -6.2640



Tritanopia

129.6260, 84.2190, 32.0830

Trichromacy



Original Color

129.7400, 83.8980, 32.3940

Protanomaly

132.9740, 38.4200, 8.5640

Deuteranomaly

132.5750, 52.7250, 8.1250

Tritanomaly

129.6260, 84.2190, 32.0830

Monochromacy



Original Color

129.7400, 83.8980, 32.3940

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7760, 30.3500, 11.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7400, 83.8980, 32.3940 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(230, 86, 92)` looks like.

```
.text, #text, p{  
    color:rgb(230, 86, 92)  
}
```

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(230, 86, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 86, 92) }
```

Border

The CSS property to change the border of an element to YIQ 129.7400, 83.8980, 32.3940 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(230, 86, 92) }
```


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

```
.border{ border-color:rgb(230, 86, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 86, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 86, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 86, 92);  
box-shadow:4px 4px 4px 4px rgb(230, 86,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7400, 83.8980, 32.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 86, 92) }
```

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

```
.background{ background-color: rgb(230, 86,  
92) }
```

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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