

Converting Colors

YIQ(228.8480, 3.4840, 2.9400)

Have a look what the booklet for
YIQ(228.8480, 3.4840, 2.9400)
contains.

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Color

**YIQ(228.8480, 3.4840,
2.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE2E6
RGB	234, 226, 230
RGB Percent	92%, 89%, 90%
CMY	0.0823, 0.1137, 0.0980
CMYK	0.00, 0.03, 0.02, 0.08
HSL	330°, 16%, 90%
HSV	330°, 3%, 92%
XYZ	75.4122, 77.5976, 85.8681
YIQ	228.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

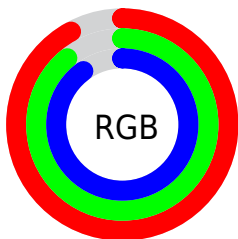
Format	Color
RYB	234, 226, 230
Decimal	15393510
CIELab	90.60, 3.42, -0.99
CIELCh	91, 3.559, 343.792
Yxy	77.5976, 0.3157, 0.3248
Android (android.graphics.Color)	4293583590 (0xFFEAE2E6)
YUV	228.8480, 0.5679, 4.5183
Hunter-Lab	88.0895, -1.3451, 3.8678

Details

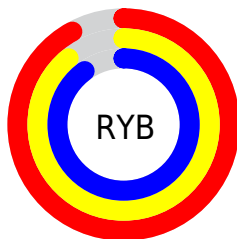
The YIQ color $228.8480, 3.4840, 2.9400$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $231.1520, -3.4840, -2.9400$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.5490, 2.8880, 2.7280$ is the 20% darker color. If you saturate the color by 10%, you get $213.9790, 13.6610, 11.2370$, and if you desaturate by 10%, it is $243.7170, -6.6930, -5.3570$.

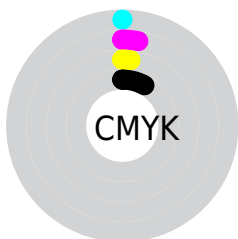
Distribution



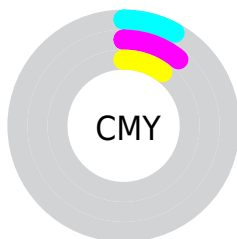
- Red (92%)
- Green (89%)
- Blue (90%)



- Red (92%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8480, 3.4840, 2.9400 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 228.8480, 3.4840, 2.9400 by changing the saturation by 10% instead.

■ 228.8480, 3.4840,
2.9400

■ 228.8480, 3.4840,
2.9400

255.0000, -0.0000,
-0.0000

■ 200.8480, 3.4840,
2.9400

■ 173.5490, 2.8880,
2.7280

■ 146.8480, 3.4840,
2.9400

■ 121.4350, 3.2090,
2.4170

■ 96.4350, 3.2090,
2.4170

■ 72.5490, 2.8880,
2.7280

■ 50.1360, 2.6130,

2.2050

■ 29.1360, 2.6130,
2.2050

■ 3.5600, 4.3550,
3.6750

■ 228.8480, 3.4840,
2.9400

■ 228.8480, 3.4840,
2.9400

■ 213.9790, 13.6610,
11.2370

■ 243.7170, -6.6930,
-5.3570

■ 198.6370, 23.7920,
20.3680

■ 248.4930,
-11.8740, -5.0740

■ 183.7680, 33.9690,
28.6650

■ 248.7210,
-12.5160, -4.4520

■ 168.3120, 44.4210,
37.4850

■ 153.4430, 54.5980,
45.7820

■ 138.6880, 64.4540,
54.3900

■ 123.2320, 74.9060,
63.2100

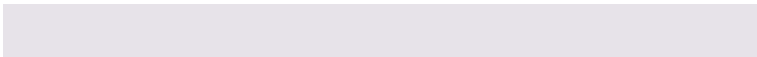
■ 108.3630, 85.0830,
71.5070

■ 93.0210, 95.2140,
80.6380

Harmonies

Analogous

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



228.8800, 0.4580, 2.7140



228.8480, 3.4840, 2.9400



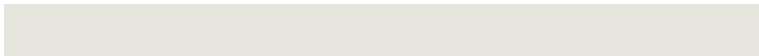
229.1040, 5.6390, 2.4310

Triad

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



228.8480, 3.4840, 2.9400



227.5010, 2.8430, -1.9650



227.3520, -6.9230, -1.1870

Complementary

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



228.8480, 3.4840, 2.9400



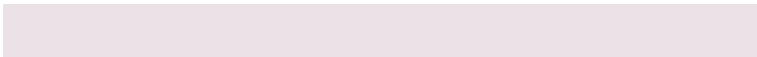
231.1520, -3.4840, -2.9400

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.



226.8960, -5.6390, -2.4310



228.8480, 3.4840, 2.9400



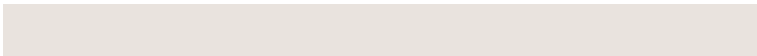
227.1200, -0.4580, -2.7140

Square

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



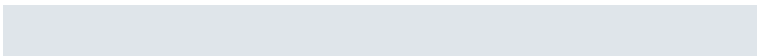
228.8480, 3.4840, 2.9400



228.2240, 5.1810, -0.2830



227.1520, -3.4840, -2.9400



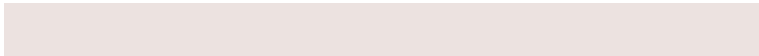
227.7760, -5.1810, 0.2830

Rectangle

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



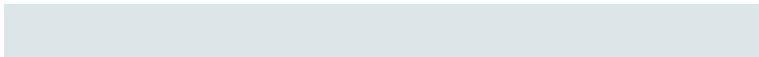
228.8480, 3.4840, 2.9400



228.7620, 6.6020, 1.4980



227.1520, -3.4840, -2.9400



227.2380, -6.6020, -1.4980

Sweetspot

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



228.8480, 3.4840, 2.9400



253.1250, 1.1460, 1.2580



228.1080, -0.1840, 3.3360



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



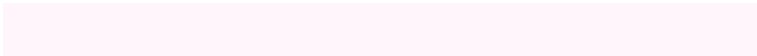
128.0000, -0.0000, -0.0000

Same Dimension

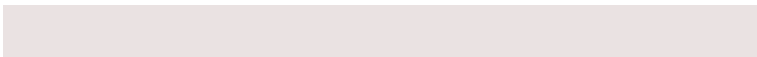
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.8480, 3.4840, 2.9400



248.5600, 4.3550, 3.6750



228.3920, 4.7680, 1.6960



113.1360, 2.6130, 2.2050



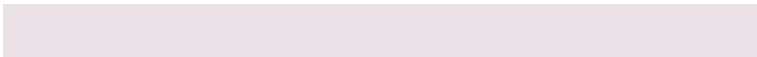
64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Inverse Universe

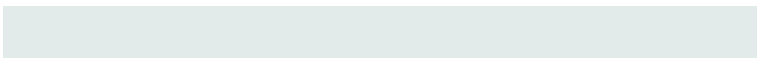
The Inverse Universe completely reimagines the original color for something new.



228.8480, 3.4840, 2.9400



248.5600, 4.3550, 3.6750



231.6080, -4.7680, -1.6960



113.1360, 2.6130, 2.2050



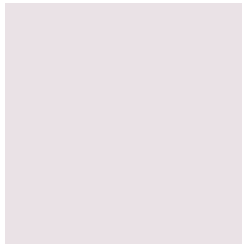
64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 228.8480, 3.4840, 2.9400 looks on a white background.

Color Contrast Check

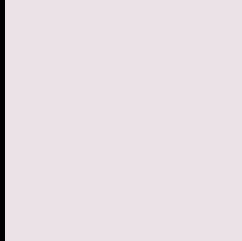
Large Text (above 18pt) WCAG AA × Fail

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 228.8480, 3.4840, 2.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

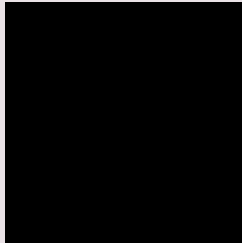
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

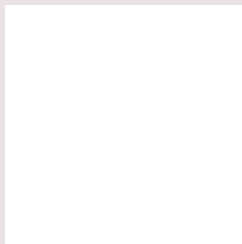
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.8480, 3.4840, 2.9400

Background



This preview shows how black text looks on a background with the YIQ color 228.8480, 3.4840, 2.9400.



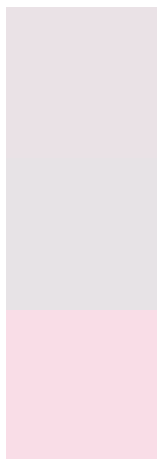
This preview shows how white text looks on a background with the YIQ color 228.8480, 3.4840,

2.9400.

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

228.8480, 3.4840, 2.9400

Protanopia

228.5380, 1.4210, 1.7810

Deuteranopia

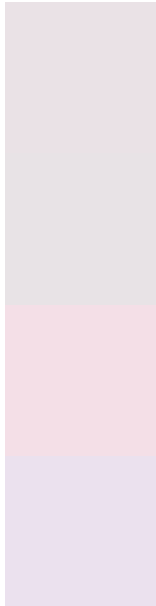
230.5120, 13.4780, 9.0460



Tritanopia

229.6400, 1.3740, 8.1420

Trichromacy



Original Color

228.8480, 3.4840, 2.9400

Protanomaly

228.8370, 2.0170, 1.9930

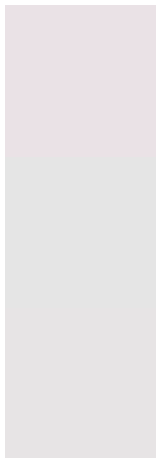
Deuteranomaly

230.1910, 9.9480, 6.9400

Tritanomaly

229.4720, 1.7870, 6.1630

Monochromacy



Original Color

228.8480, 3.4840, 2.9400

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.8480, 3.4840, 2.9400 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, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 230)  
}
```

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, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 230) }
```

Border

The CSS property to change the border of an element to YIQ 228.8480, 3.4840, 2.9400 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, 226, 230) }
```


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

```
.border{ border-color:rgb(234, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 226,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8480, 3.4840, 2.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 226, 230) }
```

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

```
.background{ background-color: rgb(234,  
226, 230) }
```

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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