

Converting Colors

YIQ(229.3810, 3.3010, 0.7490)

Have a look what the booklet for
YIQ(229.3810, 3.3010, 0.7490)
contains.

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Color

**YIQ(229.3810, 3.3010,
0.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E4E3
RGB	233, 228, 227
RGB Percent	91%, 89%, 89%
CMY	0.0863, 0.1059, 0.1098
CMYK	0.00, 0.02, 0.03, 0.09
HSL	10°, 12%, 90%
HSV	10°, 3%, 91%
XYZ	75.2137, 78.3560, 83.8356
YIQ	229.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

Format	Color
R _Y B	233, 228, 227
Decimal	15328483
CIE Lab	90.94, 1.52, 1.07
CIE LCh	91, 1.860, 35.238
Yxy	78.3560, 0.3168, 0.3301
Android (android.graphics.Color)	4293518563 (0xFFE9E4E3)
YUV	229.3810, -1.1738, 3.1739
Hunter-Lab	88.5189, -3.2385, 5.8101

Details

The YIQ color $229.3810, 3.3010, 0.7490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.6190, -3.3010, -0.7490$, 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 $174.0820, 2.7050, 0.5370$ is the 20% darker color. If you saturate the color by 10%, you get $215.6060, 15.9090, 3.5330$, and if you desaturate by 10%, it is $243.1560, -9.3070, -2.0350$.

Distribution



Red (91%)

Green (89%)

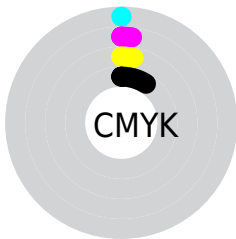
Blue (89%)



Red (91%)

Yellow (89%)

Blue (89%)

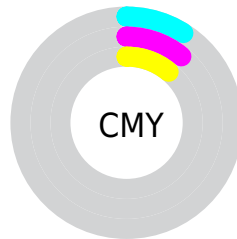


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3810, 3.3010, 0.7490 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 229.3810, 3.3010, 0.7490 by changing the saturation by 10% instead.

■ 229.3810, 3.3010,
0.7490

■ 229.3810, 3.3010,
0.7490

255.0000, -0.0000,
-0.0000

■ 201.3810, 3.3010,
0.7490

■ 174.0820, 2.7050,
0.5370

■ 147.3810, 3.3010,
0.7490

■ 121.4950, 2.9800,
1.0600

■ 97.0820, 2.7050,
0.5370

■ 73.0820, 2.7050,
0.5370

■ 50.7830, 2.1090,

0.3250

■ 29.7830, 2.1090,
0.3250

■ 3.9790, 4.4930,
1.1730

■ 229.3810, 3.3010,
0.7490

■ 229.3810, 3.3010,
0.7490

■ 215.6060, 15.9090,
3.5330

■ 243.1560, -9.3070,
-2.0350

■ 201.1300, 29.1130,
6.5290

■ 248.4220,
-13.1120, -4.6640

■ 187.3550, 41.7210,
9.3130

■ 172.9930, 54.6040,
12.6200

■ 159.2180, 67.2120,
15.4040

■ 144.7420, 80.4160,
18.4000

■ 130.9670, 93.0240,
21.1840

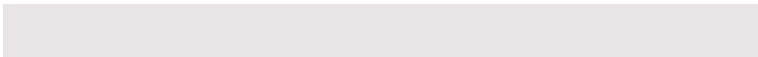
■ 117.1920,
105.6320, 23.9680

■ 102.7160,
118.8360, 26.9640

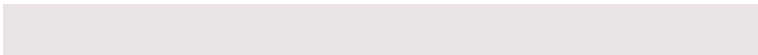
Harmonies

Analogous

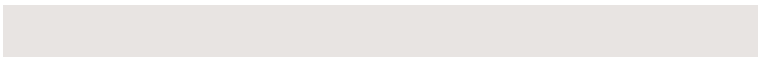
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.6090, 2.6590, 1.3710



229.3810, 3.3010, 0.7490



228.9680, 3.0260, 0.2260

Triad

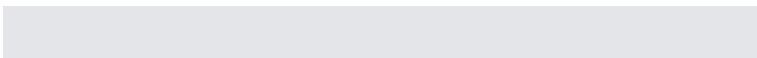
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.3810, 3.3010, 0.7490



228.4620, -1.4210, -1.7810



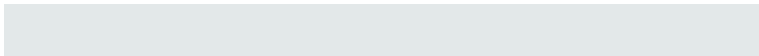
229.1570, -1.8800, 1.0320

Complementary

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



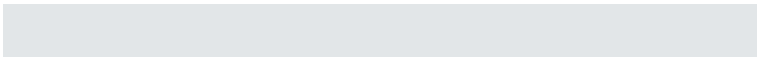
229.3810, 3.3010, 0.7490



230.6190, -3.3010, -0.7490

Split Complementary

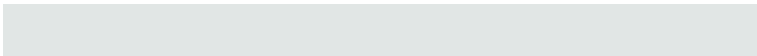
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.0320, -3.0260, -0.2260



229.3810, 3.3010, 0.7490



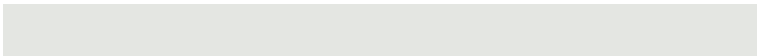
228.3910, -2.6590, -1.3710

Square

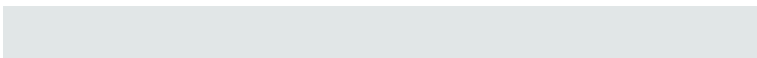
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.3810, 3.3010, 0.7490



228.9460, 0.0920, -1.6680



228.6190, -3.3010, -0.7490



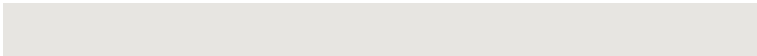
229.0540, -0.0920, 1.6680

Rectangle

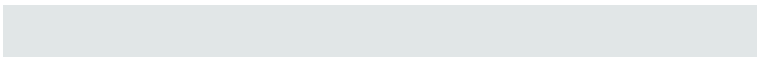
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



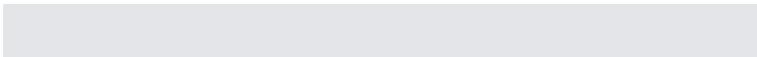
229.3810, 3.3010, 0.7490



229.1420, 2.4760, -0.8200



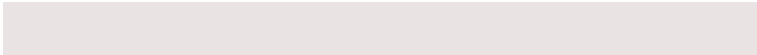
228.6190, -3.3010, -0.7490



228.7440, -2.1550, 0.5090

Sweetspot

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



229.3810, 3.3010, 0.7490



253.4840, 1.5130, 0.1130



229.3640, 1.9710, 2.8270



126.5980, 1.1920, 0.4240



0.0000, 0.0000, 0.0000



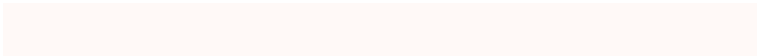
128.0000, -0.0000, -0.0000

Same Dimension

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



229.3810, 3.3010, 0.7490



250.5660, 4.2180, 0.6500



231.1420, 2.4760, -0.8200



114.1960, 2.3840, 0.8480



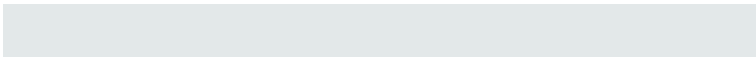
71.7290, 99.6260, 22.6820



21.4290, 29.7090, 6.7410

Inverse Universe

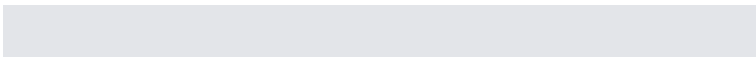
The Inverse Universe completely reimagines the original color for something new.



230.6190, -3.3010, -0.7490



252.0210, -4.4930, -1.1730



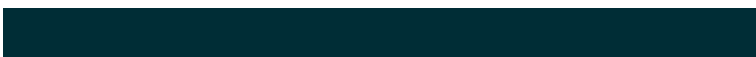
228.8580, -2.4760, 0.8200



115.8040, -2.3840, -0.8480



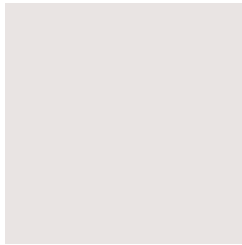
109.2710, -99.6260, -22.6820



32.5710, -29.7090, -6.7410

Previews

White Background



This preview shows how the YIQ color 229.3810, 3.3010, 0.7490 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 229.3810, 3.3010, 0.7490 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

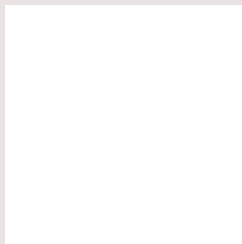
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.3810, 3.3010, 0.7490

Background



This preview shows how black text looks on a background with the YIQ color 229.3810, 3.3010, 0.7490.



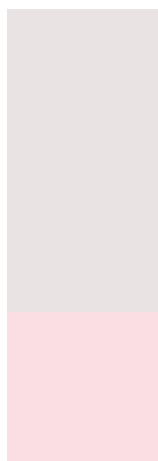
This preview shows how white text looks on a background with the YIQ color 229.3810, 3.3010,

0.7490.

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

229.3810, 3.3010, 0.7490

Protanopia

229.3810, 3.3010, 0.7490

Deuteranopia

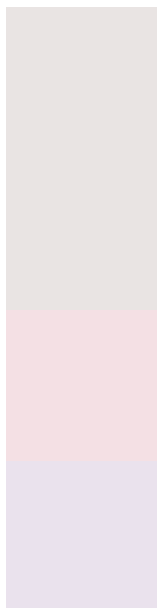
231.3550, 15.3580, 8.0140



Tritanopia

230.0420, 0.1820, 7.7180

Trichromacy



Original Color

229.3810, 3.3010, 0.7490

Protanomaly

229.3810, 3.3010, 0.7490

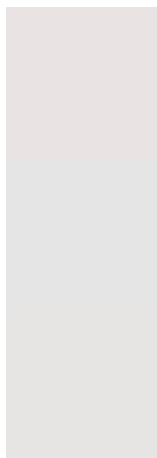
Deuteranomaly

230.4360, 10.6360, 5.4840

Tritanomaly

229.6460, 1.2370, 5.1170

Monochromacy



Original Color

229.3810, 3.3010, 0.7490

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.3810, 3.3010, 0.7490 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(233, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 228, 227)  
}
```

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(233, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 227) }
```

Border

The CSS property to change the border of an element to YIQ 229.3810, 3.3010, 0.7490 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(233, 228, 227) }
```


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

```
.border{ border-color:rgb(233, 228, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 228, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 229.3810, 3.3010, 0.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 227) }
```

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

```
.background{ background-color: rgb(233,  
228, 227) }
```

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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