

Converting Colors

YIQ(229.1460, -3.3470, 0.0850)

Have a look what the booklet for
YIQ(229.1460, -3.3470, 0.0850)
contains.

YIQ(229.1460, -3.3470, 0.0850)	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(229.1460, -3.3470,
0.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E6E9
RGB	226, 230, 233
RGB Percent	89%, 90%, 91%
CMY	0.1137, 0.0980, 0.0863
CMYK	0.03, 0.01, 0.00, 0.09
HSL	206°, 14%, 90%
HSV	206°, 3%, 91%
XYZ	74.3681, 78.6460, 88.3484
YIQ	229.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

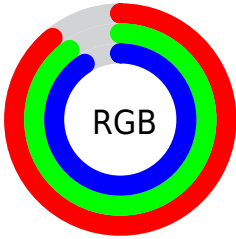
Format	Color
R _Y B	226, 229, 233
Decimal	14870249
CIE Lab	91.07, -0.79, -1.93
CIE LCh	91, 2.086, 247.793
Yxy	78.6460, 0.3081, 0.3258
Android (android.graphics.Color)	4293060329 (0xFFE2E6E9)
YUV	229.1460, 1.9000, -2.7590
Hunter-Lab	88.6826, -5.5066, 3.0112

Details

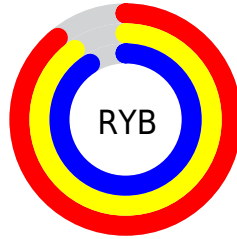
The YIQ color $229.1460, -3.3470, 0.0850$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $229.8540, 3.3470, -0.0850$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.0320, -3.0260, -0.2260$ is the 20% darker color. If you saturate the color by 10%, you get $216.3990, -14.3050, 0.4390$, and if you desaturate by 10%, it is $241.8930, 7.6110, -0.2690$.

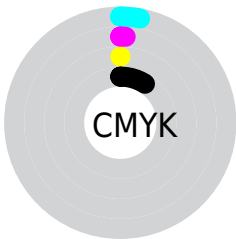
Distribution



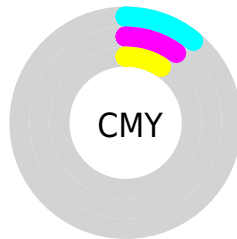
- Red (89%)
- Green (90%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1460, -3.3470, 0.0850 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 229.1460, -3.3470, 0.0850 by changing the saturation by 10% instead.

■ 229.1460, -3.3470,
0.0850

■ 229.1460, -3.3470,
0.0850

255.0000, -0.0000,
-0.0000

■ 201.1460, -3.3470,
0.0850

■ 174.0320, -3.0260,
-0.2260

■ 147.1460, -3.3470,
0.0850

■ 121.4450, -2.7510,
0.2970

■ 96.4450, -2.7510,
0.2970

■ 73.0320, -3.0260,
-0.2260

■ 50.3310, -2.4300,

-0.0140

■ 29.3310, -2.4300,
-0.0140

■ 3.9610, -4.2640,
0.1840

■ 229.1460, -3.3470,
0.0850

■ 229.1460, -3.3470,
0.0850

■ 216.3990,
-14.3050, 0.4390

■ 241.8930, 7.6110,
-0.2690

■ 203.3530,
-25.8590, 0.5810

■ 249.5570, 8.4370,
-4.2270

■ 190.6060,
-36.8170, 0.9350

■ 252.4920, 7.0620,
-6.8420

■ 177.8590,
-47.7750, 1.2890

■ 165.1120,
-58.7330, 1.6430

■ 152.0660,
-70.2870, 1.7850

■ 139.3190,
-81.2450, 2.1390

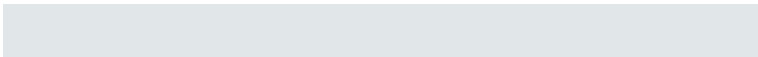
■ 126.5720,
-92.2030, 2.4930

■ 113.5260,
-103.7570, 2.6350

Harmonies

Analogous

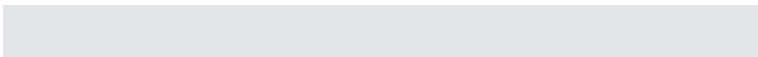
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7330, -3.6220, -0.4380



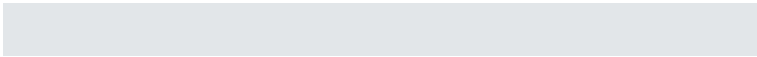
229.1460, -3.3470, 0.0850



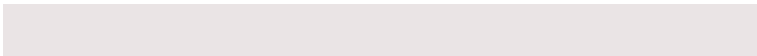
229.1570, -1.8800, 1.0320

Triad

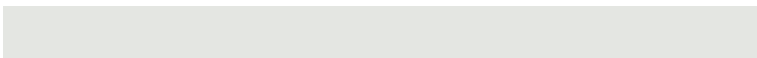
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.1460, -3.3470, 0.0850



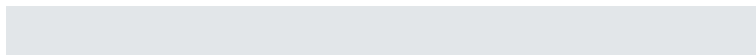
229.9080, 3.2550, 1.5830



228.9460, 0.0920, -1.6680

Complementary

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



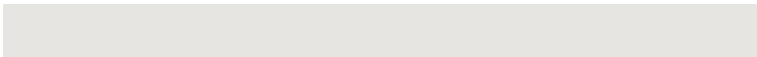
229.1460, -3.3470, 0.0850



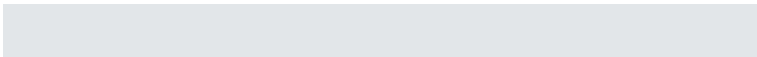
229.8540, 3.3470, -0.0850

Split Complementary

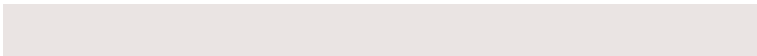
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.1420, 2.4760, -0.8200



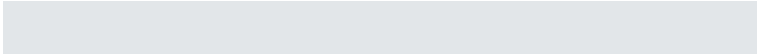
229.1460, -3.3470, 0.0850



229.6800, 3.8970, 0.9610

Square

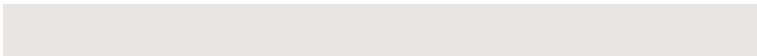
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



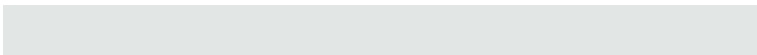
229.1460, -3.3470, 0.0850



229.8370, 2.0170, 1.9930



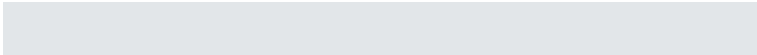
229.8540, 3.3470, -0.0850



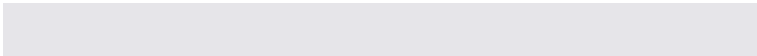
228.5760, -1.7420, -1.4700

Rectangle

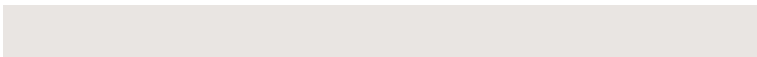
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.1460, -3.3470, 0.0850



229.7550, -0.6880, 1.4560



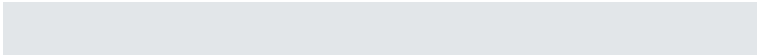
229.8540, 3.3470, -0.0850



229.2450, 0.6880, -1.4560

Sweetspot

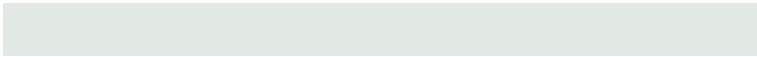
The Sweet Spot groups the original color and five complimentary colors.



229.1460, -3.3470, 0.0850



253.5160, -1.5130, -0.1130



230.4510, -2.8880, -2.7280



126.8150, -0.9170, 0.0990



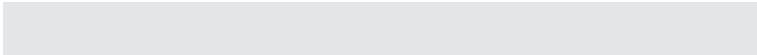
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

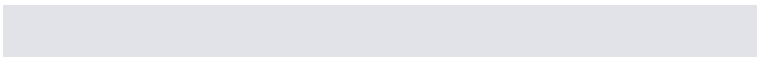
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.1460, -3.3470, 0.0850



249.6620, -4.8600, -0.0280



227.3850, -2.5220, 1.6540



114.0320, -3.0260, -0.2260



81.6820, -86.7010, 1.8990



24.3530, -25.8590, 0.5810

Inverse Universe

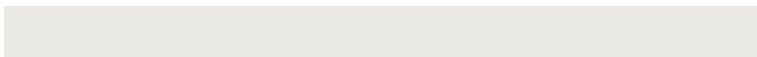
The Inverse Universe completely reimagines the original color for something new.



228.5490, 2.8880, 2.7280



248.6740, 4.0340, 3.9860



231.6150, 2.5220, -1.6540



113.2500, 2.2920, 2.5160



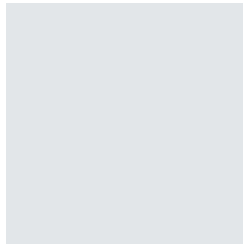
65.9750, 74.4920, 70.7160



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 229.1460, -3.3470, 0.0850 looks on a white background.

Color Contrast Check

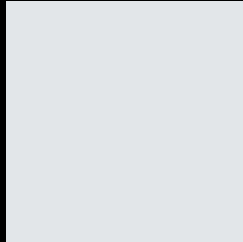
Large Text (above 18pt) WCAG AA × Fail

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 229.1460, -3.3470, 0.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

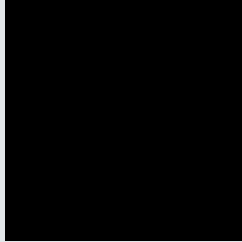
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

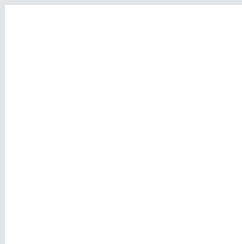
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.1460, -3.3470, 0.0850

Background



This preview shows how black text looks on a background with the YIQ color 229.1460, -3.3470, 0.0850.



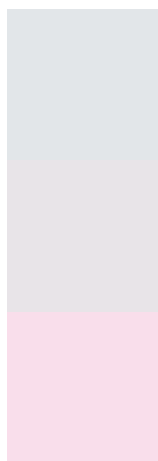
This preview shows how white text looks on a background with the YIQ color 229.1460, -3.3470,

0.0850.

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

229.1460, -3.3470, 0.0850

Protanopia

229.6520, 1.1000, 2.0920

Deuteranopia

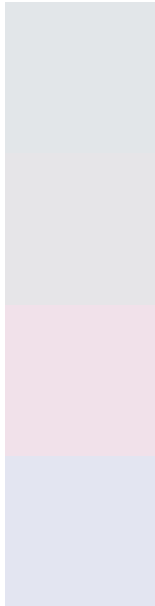
231.5550, 11.9190, 9.7670



Tritanopia

230.0520, -5.7780, 5.5980

Trichromacy



Original Color

229.1460, -3.3470, 0.0850

Protanomaly

229.6410, -0.3670, 1.1450

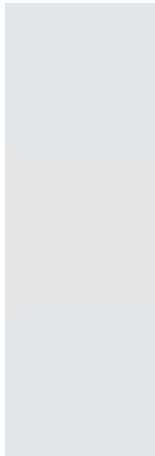
Deuteranomaly

230.8100, 6.6470, 6.1910

Tritanomaly

229.7700, -5.0440, 3.3080

Monochromacy



Original Color

229.1460, -3.3470, 0.0850

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1460, -3.3470, 0.0850 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(226, 230, 233)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 233)  
}
```

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(226, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 233) }
```

Border

The CSS property to change the border of an element to YIQ 229.1460, -3.3470, 0.0850 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(226, 230, 233) }
```


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

```
.border{ border-color:rgb(226, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(226, 230,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1460, -3.3470, 0.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 233) }
```

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

```
.background{ background-color: rgb(226,  
230, 233) }
```

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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