

Converting Colors

YIQ(229.5870, -0.2750, -0.5230)

Have a look what the booklet for
YIQ(229.5870, -0.2750, -0.5230)
contains.

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Color

**YIQ(229.5870, -0.2750,
-0.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E6E5
RGB	229, 230, 229
RGB Percent	90%, 90%, 90%
CMY	0.1020, 0.0980, 0.1020
CMYK	0.00, 0.00, 0.00, 0.10
HSL	120°, 2%, 90%
HSV	120°, 0%, 90%
XYZ	74.7526, 78.9089, 85.4197
YIQ	229.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R_{YB}	229, 230, 230
Decimal	15066853
CIE Lab	91.19, -0.51, 0.36
CIE LCh	91, 0.623, 144.896
Yxy	78.9089, 0.3127, 0.3301
Android (android.graphics.Color)	4293256933 (0xFFE5E6E5)
YUV	229.5870, -0.2894, -0.5148
Hunter-Lab	88.8307, -5.2427, 5.1681

Details

The YIQ color $229.5870, -0.2750, -0.5230$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.4130, 0.2750, 0.5230$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.5870, -0.2750, -0.5230$ is the 20% darker color. If you saturate the color by 10%, you get $220.0880, -6.6000, -12.5520$, and if you desaturate by 10%, it is $239.0860, 6.0500, 11.5060$.

Distribution



Red (90%)

Green (90%)

Blue (90%)



Red (90%)

Yellow (90%)

Blue (90%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (10%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.5870, -0.2750, -0.5230 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 229.5870, -0.2750, -0.5230 by changing the saturation by 10% instead.

■ 229.5870, -0.2750,
-0.5230

■ 229.5870, -0.2750,
-0.5230

255.0000, -0.0000,
-0.0000

■ 201.5870, -0.2750,
-0.5230

■ 174.5870, -0.2750,
-0.5230

■ 147.5870, -0.2750,
-0.5230

■ 121.5870, -0.2750,
-0.5230

■ 97.0000, -0.0000,
0.0000

■ 73.5870, -0.2750,
-0.5230

■ 50.5870, -0.2750,

-0.5230

■ 29.5870, -0.2750,
-0.5230

■ 4.1740, -0.5500,
-1.0460

■ 229.5870, -0.2750,
-0.5230

■ 229.5870, -0.2750,
-0.5230

■ 220.0880, -6.6000,
-12.5520

■ 239.0860, 6.0500,
11.5060

■ 210.5890,
-12.9250, -24.5810

■ 240.3250, 6.8750,
13.0750

■ 201.0900,
-19.2500, -36.6100

■ 191.5910,
-25.5750, -48.6390

■ 182.0920,
-31.9000, -60.6680

■ 172.5930,
-38.2250, -72.6970

■ 163.0940,
-44.5500, -84.7260

■ 153.5950,
-50.8750, -96.7550

■ 144.0960,
-57.2000, -108.7840

Harmonies

Analogous

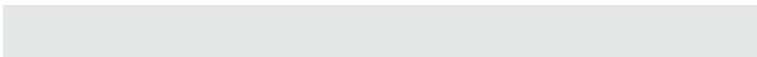
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.8860, 0.3210, -0.3110



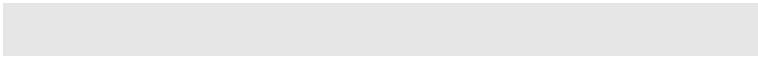
229.5870, -0.2750, -0.5230



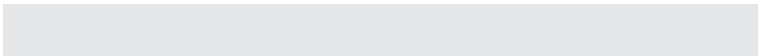
229.7010, -0.5960, -0.2120

Triad

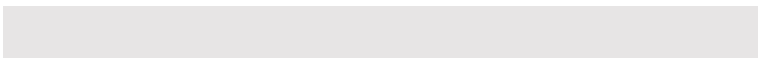
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.5870, -0.2750, -0.5230



229.8150, -0.9170, 0.0990



229.5980, 1.1920, 0.4240

Complementary

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



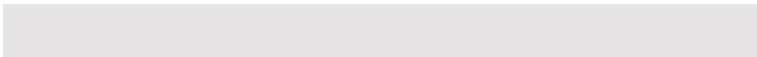
229.5870, -0.2750, -0.5230



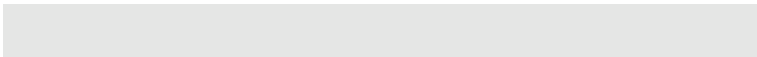
229.4130, 0.2750, 0.5230

Split Complementary

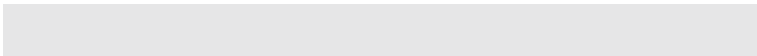
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.7120, 0.8710, 0.7350



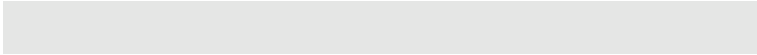
229.5870, -0.2750, -0.5230



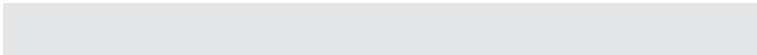
230.1140, -0.3210, 0.3110

Square

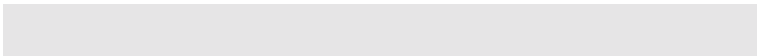
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



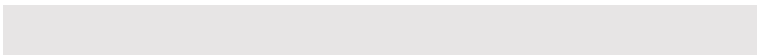
229.5870, -0.2750, -0.5230



229.8150, -0.9170, 0.0990



229.4130, 0.2750, 0.5230



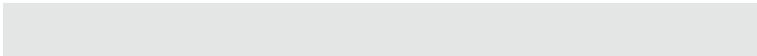
229.5980, 1.1920, 0.4240

Rectangle

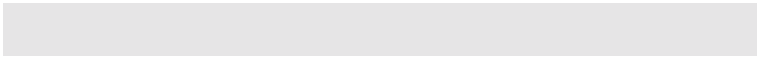
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.5870, -0.2750, -0.5230



229.4020, -1.1920, -0.4240



229.4130, 0.2750, 0.5230



229.5980, 1.1920, 0.4240

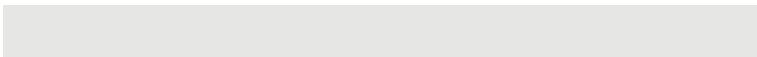
Sweetspot

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



229.5870, -0.2750, -0.5230

255.0000, -0.0000, -0.0000



229.8860, 0.3210, -0.3110



128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

Same Dimension

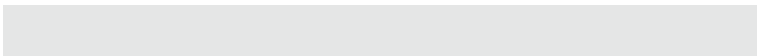
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.5870, -0.2750, -0.5230



253.7610, -0.8250, -1.5690



229.7010, -0.5960, -0.2120



114.5870, -0.2750, -0.5230



105.0730, -49.2250, -93.6170



29.9370, -14.0250, -26.6730

Inverse Universe

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



229.4130, 0.2750, 0.5230



253.2390, 0.8250, 1.5690



114.4130, 0.2750, 0.5230



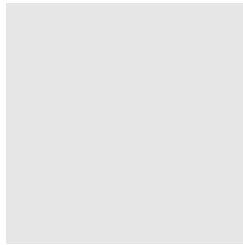
73.8130, 49.5460, 93.3060



21.0630, 14.0250, 26.6730

Previews

White Background



This preview shows how the YIQ color 229.5870, -0.2750, -0.5230 looks on a white background.

Color Contrast Check

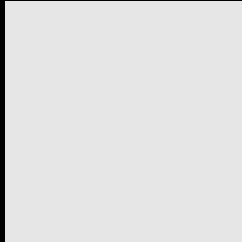
Large Text (above 18pt) WCAG AA × Fail

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 229.5870, -0.2750, -0.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

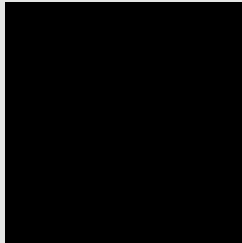
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

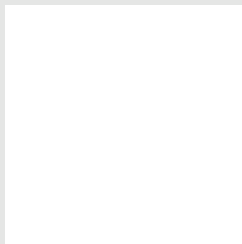
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.5870, -0.2750, -0.5230

Background



This preview shows how black text looks on a background with the YIQ color 229.5870, -0.2750, -0.5230.



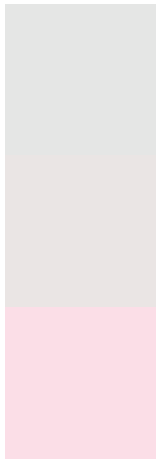
This preview shows how white text looks on a background with the YIQ color 229.5870, -0.2750,

-0.5230.

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

229.5870, -0.2750, -0.5230

Protanopia

230.3810, 3.3010, 0.7490

Deuteranopia

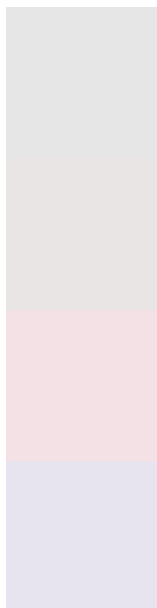
231.6970, 14.3950, 8.9470



Tritanopia

230.5470, -2.7980, 6.6580

Trichromacy



Original Color

229.5870, -0.2750, -0.5230

Protanomaly

229.7830, 2.1090, 0.3250

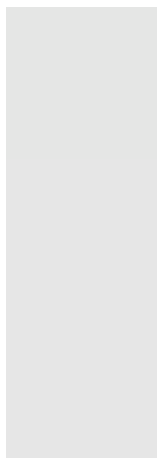
Deuteranomaly

230.9520, 9.1230, 5.3710

Tritanomaly

230.1510, -1.7430, 4.0570

Monochromacy



Original Color

229.5870, -0.2750, -0.5230

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0000, -0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.5870, -0.2750, -0.5230 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(229, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 229)  
}
```

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(229, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 229) }
```

Border

The CSS property to change the border of an element to YIQ 229.5870, -0.2750, -0.5230 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(229, 230, 229) }
```

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

```
.border{ border-color:rgb(229, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 230, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 230, 229); box-shadow:4px 4px 4px 4px rgb(229, 230, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 229.5870, -0.2750, -0.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 229) }
```

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

```
.background{ background-color: rgb(229,  
230, 229) }
```

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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