

Converting Colors

YIQ(228.6340, -7.6570, 1.1030)

Have a look what the booklet for
YIQ(228.6340, -7.6570, 1.1030)
contains.

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Color

**YIQ(228.6340, -7.6570,
1.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6EF
RGB	222, 230, 239
RGB Percent	87%, 90%, 94%
CMY	0.1294, 0.0980, 0.0628
CMYK	0.07, 0.04, 0.00, 0.06
HSL	212°, 35%, 90%
HSV	212°, 7%, 94%
XYZ	73.9995, 78.3560, 92.8780
YIQ	228.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

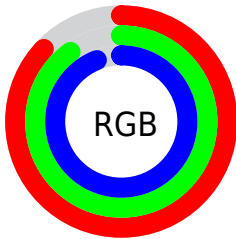
Format	Color
R _Y B	222, 227, 239
Decimal	14608111
CIE Lab	90.94, -0.98, -5.29
CIE LCh	91, 5.384, 259.479
Yxy	78.3560, 0.3018, 0.3195
Android (android.graphics.Color)	4292798191 (0xFFDEE6EF)
YUV	228.6340, 5.1104, -5.8180
Hunter-Lab	88.5189, -5.6868, -0.2465

Details

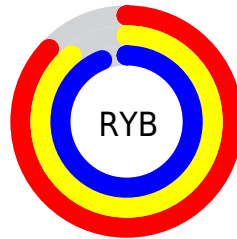
The YIQ color $228.6340, -7.6570, 1.1030$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.3660, 7.6570, -1.1030$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.5200, -7.3360, 0.7920$ is the 20% darker color. If you saturate the color by 10%, you get $213.8270, -18.3860, 2.8140$, and if you desaturate by 10%, it is $243.4410, 3.0720, -0.6080$.

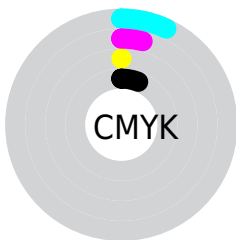
Distribution



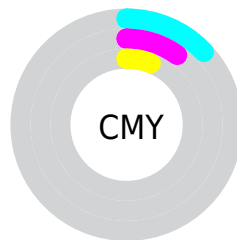
- Red (87%)
- Green (90%)
- Blue (94%)



- Red (87%)
- Yellow (89%)
- Blue (94%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.6340, -7.6570, 1.1030 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 228.6340, -7.6570, 1.1030 by changing the saturation by 10% instead.

■ 228.6340, -7.6570,
1.1030

■ 228.6340, -7.6570,
1.1030

255.0000, -0.0000,
-0.0000

■ 200.6340, -7.6570,
1.1030

■ 173.5200, -7.3360,
0.7920

■ 146.5200, -7.3360,
0.7920

■ 120.8190, -6.7400,
1.0040

■ 95.8190, -6.7400,
1.0040

■ 72.7050, -6.4190,
0.6930

■ 50.0040, -5.8230,

0.9050

■ 28.8900, -5.5020,
0.5940

■ 4.6450, -6.1900,
2.0500

■ 228.6340, -7.6570,
1.1030

■ 228.6340, -7.6570,
1.1030

■ 213.8270,
-18.3860, 2.8140

■ 243.4410, 3.0720,
-0.6080

■ 199.6070,
-29.3900, 4.0020

■ 253.1760, 5.1360,
-4.9760

■ 184.8000,
-40.1190, 5.7130

■ 169.9930,
-50.8480, 7.4240

■ 156.0720,
-61.2560, 8.8240

■ 141.2650,
-71.9850, 10.5350

■ 127.0450,
-82.9890, 11.7230

■ 112.2380,
-93.7180, 13.4340

■ 97.4310,
-104.4470, 15.1450

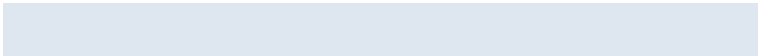
Harmonies

Analogous

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



227.7970, -9.6740, -0.8900



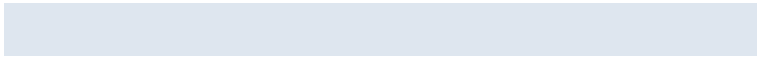
228.6340, -7.6570, 1.1030



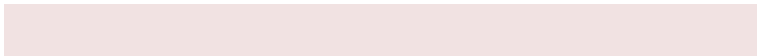
229.2540, -3.5310, 3.4210

Triad

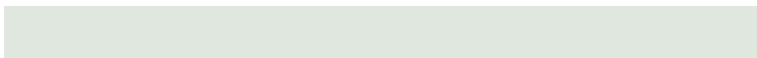
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.6340, -7.6570, 1.1030



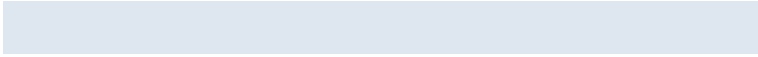
230.4850, 8.9400, 3.1800



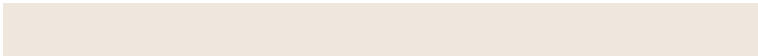
227.8810, -1.2830, -4.2830

Complementary

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



228.6340, -7.6570, 1.1030



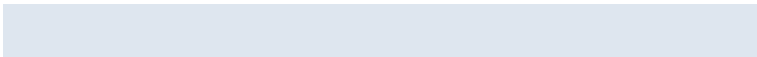
232.3660, 7.6570, -1.1030

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.



228.7460, 3.5310, -3.4210



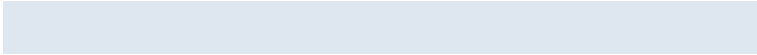
228.6340, -7.6570, 1.1030



229.9040, 9.0780, 0.6780

Square

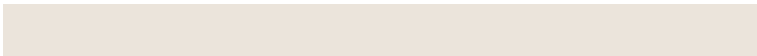
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



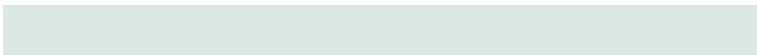
228.6340, -7.6570, 1.1030



230.4570, 6.1430, 4.3110



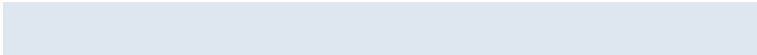
229.0670, 7.0610, -1.3150



227.5430, -6.1430, -4.3110

Rectangle

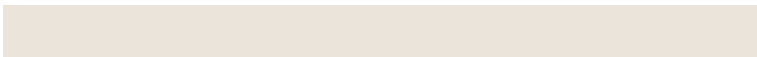
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.6340, -7.6570, 1.1030



229.6350, -0.2300, 4.1700



229.0670, 7.0610, -1.3150



228.3650, 0.2300, -4.1700

Sweetspot

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



228.6340, -7.6570, 1.1030



251.7440, -2.1550, 0.5090



233.0050, -7.5640, -6.0920



125.9290, -1.2380, 0.4100



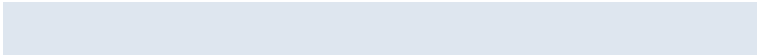
0.0000, 0.0000, 0.0000



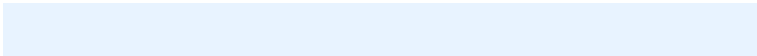
128.0000, -0.0000, -0.0000

Same Dimension

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



228.6340, -7.6570, 1.1030



241.0790, -10.4080, 1.4000



223.9380, -5.4570, 5.2870



112.8900, -5.5020, 0.5940



72.0450, -82.9890, 11.7230



21.6460, -25.1260, 3.8180

Inverse Universe

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



227.9950, 7.5640, 6.0920



240.1310, 10.1770, 8.2970



237.0620, 5.4570, -5.2870



112.2720, 5.2260, 4.4100



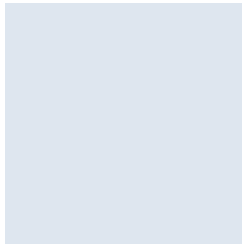
64.9340, 81.7370, 66.0650



19.7080, 25.0300, 19.9580

Previews

White Background



This preview shows how the YIQ color 228.6340, -7.6570, 1.1030 looks on a white background.

Color Contrast Check

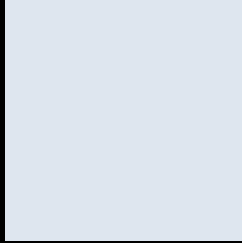
Large Text (above 18pt) WCAG AA × Fail

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 228.6340, -7.6570, 1.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

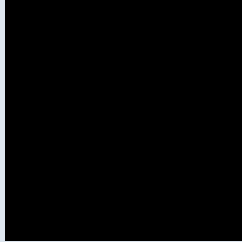
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

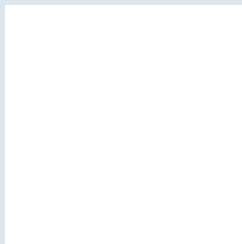
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.6340, -7.6570, 1.1030

Background



This preview shows how black text looks on a background with the YIQ color 228.6340, -7.6570, 1.1030.

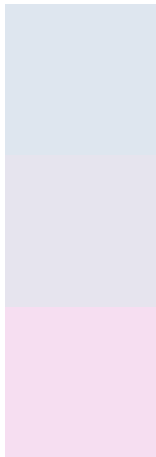


This preview shows how white text looks on a background with the YIQ color 228.6340, -7.6570,

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

228.6340, -7.6570, 1.1030

Protanopia

229.7380, -2.0180, 3.5340

Deuteranopia

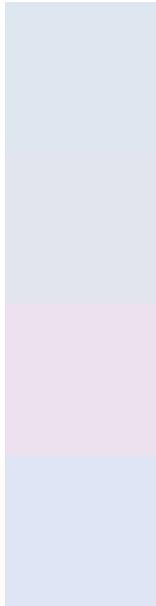
231.3420, 8.2050, 10.9970



Tritanopia

229.2580, -9.3540, 4.3260

Trichromacy



Original Color

228.6340, -7.6570, 1.1030

Protanomaly

229.4280, -4.0810, 2.3750

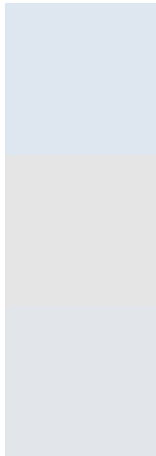
Deuteranomaly

230.2980, 2.3370, 7.2090

Tritanomaly

228.9160, -8.3910, 3.3930

Monochromacy



Original Color

228.6340, -7.6570, 1.1030

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.5590, -3.0720, 0.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.6340, -7.6570, 1.1030 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(222, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 239)  
}
```

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(222, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 239) }
```

Border

The CSS property to change the border of an element to YIQ 228.6340, -7.6570, 1.1030 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(222, 230, 239) }
```


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

```
.border{ border-color:rgb(222, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 228.6340, -7.6570, 1.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 239) }
```

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

```
.background{ background-color: rgb(222,  
230, 239) }
```

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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