

Converting Colors

YIQ(227.3260, -4.0340, -3.9860)

Have a look what the booklet for
YIQ(227.3260, -4.0340, -3.9860)
contains.

YIQ(227.3260, -4.0340, -3.9860)	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(227.3260, -4.0340,
-3.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE7E1
RGB	221, 231, 225
RGB Percent	87%, 91%, 88%
CMY	0.1334, 0.0941, 0.1177
CMYK	0.04, 0.00, 0.03, 0.09
HSL	144°, 17%, 89%
HSV	144°, 4%, 91%
XYZ	71.9840, 77.9613, 82.4862
YIQ	227.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

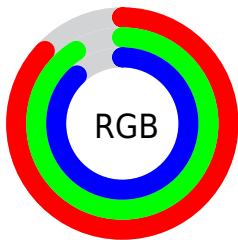
Format	Color
RYB	221, 228, 231
Decimal	14542817
CIELab	90.76, -4.42, 1.75
CIElCh	91, 4.757, 158.392
Yxy	77.9613, 0.3097, 0.3354
Android (android.graphics.Color)	4292732897 (0xFFDDE7E1)
YUV	227.3260, -1.1467, -5.5479
Hunter-Lab	88.2957, -8.9936, 6.4181

Details

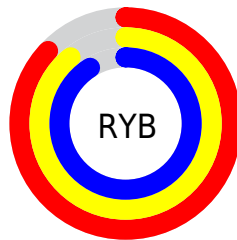
The YIQ color $227.3260, -4.0340, -3.9860$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.6740, 4.0340, 3.9860$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.7390, -3.7590, -3.4630$ is the 20% darker color. If you saturate the color by 10%, you get $218.8530, -13.2480, -13.2160$, and if you desaturate by 10%, it is $235.7990, 5.1800, 5.2440$.

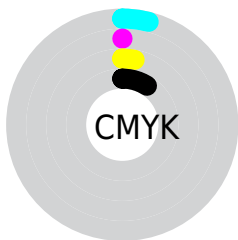
Distribution



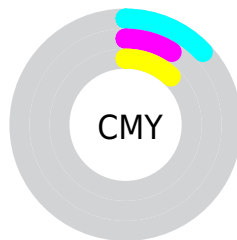
- Red (87%)
- Green (91%)
- Blue (88%)



- Red (87%)
- Yellow (89%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.3260, -4.0340, -3.9860 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 227.3260, -4.0340, -3.9860 by changing the saturation by 10% instead.

■ 227.3260, -4.0340,
-3.9860

■ 227.3260, -4.0340,
-3.9860

255.0000, -0.0000,
-0.0000

■ 199.3260, -4.0340,
-3.9860

■ 171.7390, -3.7590,
-3.4630

■ 145.6250, -3.4380,
-3.7740

■ 119.7390, -3.7590,
-3.4630

■ 95.0380, -3.1630,
-3.2510

■ 71.1520, -3.4840,
-2.9400

■ 49.0380, -3.1630,

-3.2510

■ 28.1520, -3.4840,
-2.9400

■ 2.9350, -1.3750,
-2.6150

■ 227.3260, -4.0340,
-3.9860

■ 227.3260, -4.0340,
-3.9860

■ 218.8530,
-13.2480, -13.2160

■ 235.7990, 5.1800,
5.2440

■ 210.3800,
-22.4620, -22.4460

■ 240.6840, 7.2420,
11.9300

■ 201.9070,
-31.6760, -31.6760

■ 240.9120, 6.6000,
12.5520

■ 193.5480,
-41.2110, -40.5950

■ 184.7760,
-51.0210, -50.0370

■ 176.3030,
-60.2350, -59.2670

■ 167.8300,
-69.4490, -68.4970

■ 159.3570,
-78.6630, -77.7270

■ 150.8840,
-87.8770, -86.9570

Harmonies

Analogous

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



227.7780, 0.5050, -3.6470



227.3260, -4.0340, -3.9860



226.9990, -7.4270, -3.0670

Triad

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



227.3260, -4.0340, -3.9860



228.4280, -4.0810, 2.3750



229.2460, 8.1150, 1.6110

Complementary

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



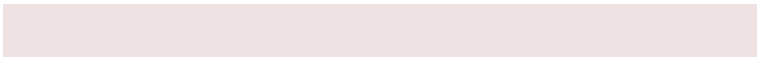
227.3260, -4.0340, -3.9860



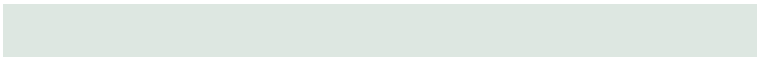
224.6740, 4.0340, 3.9860

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.



229.7020, 6.8310, 2.8550



227.3260, -4.0340, -3.9860



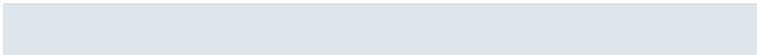
229.2220, -0.5050, 3.6470

Square

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



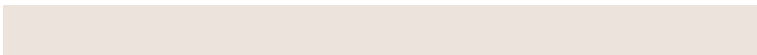
227.3260, -4.0340, -3.9860



228.1070, -7.6110, 0.2690



229.6740, 4.0340, 3.9860



228.8930, 7.6110, -0.2690

Rectangle

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



227.3260, -4.0340, -3.9860



227.3410, -8.3900, -2.1340



229.6740, 4.0340, 3.9860



229.6590, 8.3900, 2.1340

Sweetspot

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



227.3260, -4.0340, -3.9860



253.8750, -1.1460, -1.2580



228.6640, 0.8260, -3.9580



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000



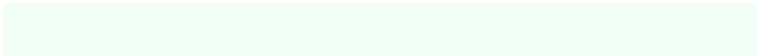
128.0000, -0.0000, -0.0000

Same Dimension

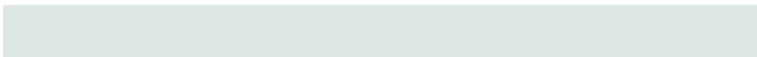
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.3260, -4.0340, -3.9860



250.2010, -5.1800, -5.2440



227.8960, -5.6390, -2.4310



112.4510, -2.8880, -2.7280



113.1670, -72.0160, -71.5360



32.2170, -20.4450, -20.4530

Inverse Universe

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



224.6740, 4.0340, 3.9860



246.7990, 5.1800, 5.2440



224.1040, 5.6390, 2.4310



110.5490, 2.8880, 2.7280



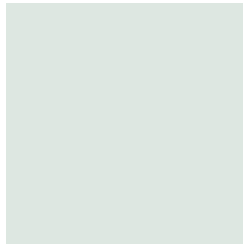
65.7190, 72.3370, 71.2250



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 227.3260, -4.0340, -3.9860 looks on a white background.

Color Contrast Check

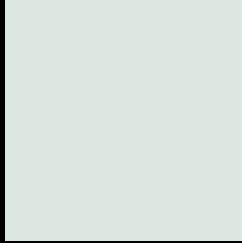
Large Text (above 18pt) WCAG AA × Fail

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 227.3260, -4.0340, -3.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

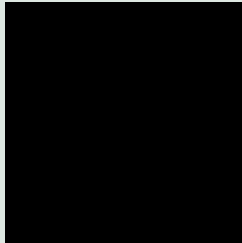
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

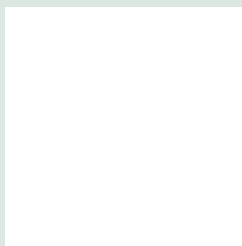
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.3260, -4.0340, -3.9860

Background



This preview shows how black text looks on a background with the YIQ color 227.3260, -4.0340, -3.9860.



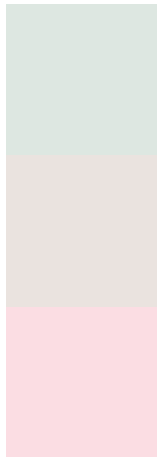
This preview shows how white text looks on a background with the YIQ color 227.3260, -4.0340,

-3.9860.

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

227.3260, -4.0340, -3.9860

Protanopia

228.6370, 5.4560, 0.2400

Deuteranopia

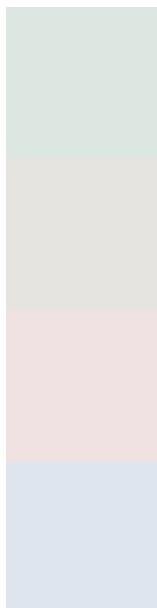
230.6540, 15.9540, 8.2260



Tritanopia

228.8560, -8.1620, 4.7500

Trichromacy



Original Color

227.3260, -4.0340, -3.9860

Protanomaly

227.8430, 1.8800, -1.0320

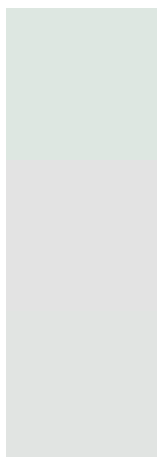
Deuteranomaly

229.5990, 8.6190, 3.4910

Tritanomaly

228.2320, -6.4650, 1.5270

Monochromacy



Original Color

227.3260, -4.0340, -3.9860

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.8750, -1.1460, -1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.3260, -4.0340, -3.9860 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(221, 231, 225)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 225)  
}
```

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(221, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 225) }
```

Border

The CSS property to change the border of an element to YIQ 227.3260, -4.0340, -3.9860 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(221, 231, 225) }
```


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

```
.border{ border-color:rgb(221, 231, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 227.3260, -4.0340, -3.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 225) }
```

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

```
.background{ background-color: rgb(221,  
231, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor