

Converting Colors

YIQ(227.3670, 5.9160, -8.1000)

Have a look what the booklet for
YIQ(227.3670, 5.9160, -8.1000)
contains.

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Color

**YIQ(227.3670, 5.9160,
-8.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E7CF
RGB	228, 231, 207
RGB Percent	89%, 91%, 81%
CMY	0.1059, 0.0941, 0.1882
CMYK	0.01, 0.00, 0.10, 0.09
HSL	68°, 33%, 86%
HSV	68°, 10%, 91%
XYZ	71.8332, 78.1511, 70.3370
YIQ	227.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

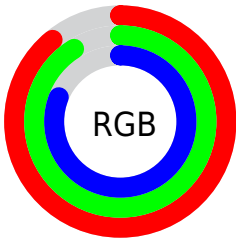
Format	Color
R_{YB}	207, 231, 210
Decimal	15001551
CIE _{Lab}	90.85, -5.11, 11.33
CIE _{LCh}	91, 12.432, 114.290
Yxy	78.1511, 0.3260, 0.3547
Android (android.graphics.Color)	4293191631 (0xFFE4E7CF)
YUV	227.3670, -10.0409, 0.5551
Hunter-Lab	88.4031, -9.6628, 14.7087

Details

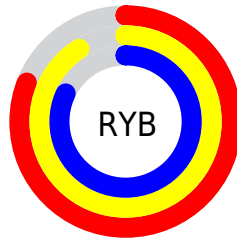
The YIQ color $227.3670, 5.9160, -8.1000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.6330, -5.9160, 8.1000$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.8940, 5.8700, -7.2660$ is the 20% darker color. If you saturate the color by 10%, you get $223.8480, 11.5110, -15.8890$, and if you desaturate by 10%, it is $230.8860, 0.3210, -0.3110$.

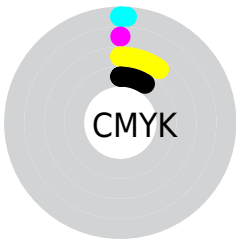
Distribution



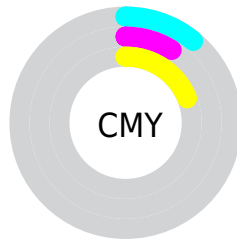
- Red (89%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.3670, 5.9160, -8.1000 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 227.3670, 5.9160, -8.1000 by changing the saturation by 10% instead.

■ 227.3670, 5.9160,
-8.1000

■ 227.3670, 5.9160,
-8.1000

255.0000, -0.0000,
-0.0000

■ 199.3670, 5.9160,
-8.1000

■ 171.8940, 5.8700,
-7.2660

■ 145.5950, 5.2740,
-7.4780

■ 119.7090, 4.9530,
-7.1670

■ 94.8230, 4.6320,
-6.8560

■ 70.9370, 4.3110,
-6.5450

■ 48.9370, 4.3110,

-6.5450

■ 27.8230, 4.6320,
-6.8560

■ 3.5220, -1.6500,
-3.1380

■ 227.3670, 5.9160,
-8.1000

■ 227.3670, 5.9160,
-8.1000

■ 223.8480, 11.5110,
-15.8890

■ 230.8860, 0.3210,
-0.3110

■ 220.3290, 17.1060,
-23.6780

■ 234.4050, -5.2740,
7.4780

■ 216.8100, 22.7010,
-31.4670

■ 235.5300, -4.1280,
8.7360

■ 213.2910, 28.2960,
-39.2560

■ 236.4270, -2.3400,
9.3720

■ 209.7720, 33.8910,
-47.0450

■ 237.0250, -1.1480,
9.7960

■ 206.4380, 40.4030,
-54.9330

■ 237.9220, 0.6400,
10.4320

■ 202.9190, 45.9980,
-62.7220

■ 238.8190, 2.4280,
11.0680

■ 199.4000, 51.5930,
-70.5110

■ 239.7160, 4.2160,
11.7040

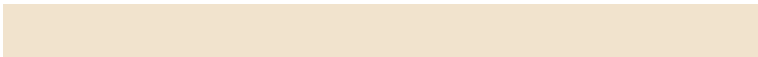
■ 195.9950, 56.8670,
-77.9890

■ 240.6130, 6.0040,
12.3400

Harmonies

Analogous

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



228.6780, 15.4060, -3.8740



227.3670, 5.9160, -8.1000



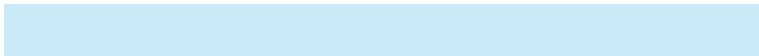
225.8540, -5.8210, -10.1490

Triad

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



227.3670, 5.9160, -8.1000



226.3270, -22.9700, -2.2180



231.5230, 14.9450, 9.9930

Complementary

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



227.3670, 5.9160, -8.1000



210.6330, -5.9160, 8.1000

Split Complementary

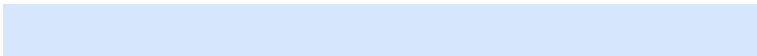
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.9610, 4.9040, 10.2480



227.3670, 5.9160, -8.1000



227.7240, -16.5980, 3.4500

Square

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



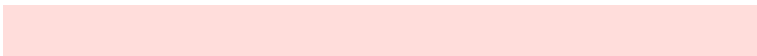
227.3670, 5.9160, -8.1000



225.1650, -22.6940, -7.2220



229.3340, -6.5120, 7.8880



230.9380, 20.9060, 6.5860

Rectangle

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



227.3670, 5.9160, -8.1000



225.1460, -12.5150, -9.9790



229.3340, -6.5120, 7.8880



231.0820, 11.8730, 10.6010

Sweetspot

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



227.3670, 5.9160, -8.1000



253.7890, 1.9720, -2.7000



215.9370, 13.4790, 3.5190



127.0170, 1.3300, -2.0780



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.



227.3670, 5.9160, -8.1000



250.2700, 7.5670, -10.4890



223.7790, -1.2360, -10.6440



113.0340, 2.6600, -4.1560



151.7170, 43.7510, -60.5450



43.3920, 12.7950, -17.1330

Inverse Universe

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



210.6330, -5.9160, 8.1000



228.7300, -7.5670, 10.4890



214.2210, 1.2360, 10.6440



104.9660, -2.6600, 4.1560



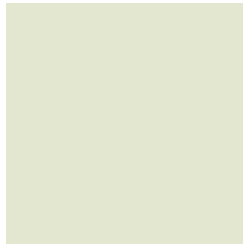
26.9840, -44.3470, 60.3330



7.6080, -12.7950, 17.1330

Previews

White Background



This preview shows how the YIQ color 227.3670, 5.9160, -8.1000 looks on a white background.

Color Contrast Check

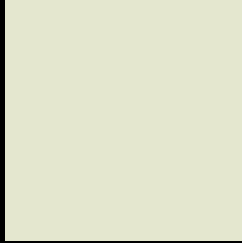
Large Text (above 18pt) WCAG AA × Fail

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 227.3670, 5.9160, -8.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

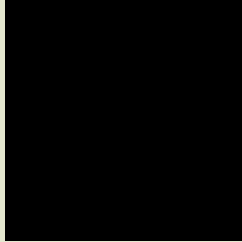
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

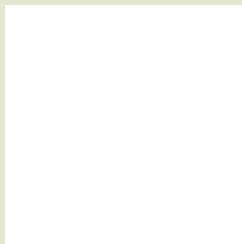
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.3670, 5.9160, -8.1000

Background



This preview shows how black text looks on a background with the YIQ color 227.3670, 5.9160, -8.1000.



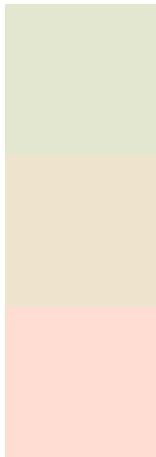
This preview shows how white text looks on a background with the YIQ color 227.3670, 5.9160,

-8.1000.

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

227.3670, 5.9160, -8.1000

Protanopia

228.3680, 13.3430, -5.0330

Deuteranopia

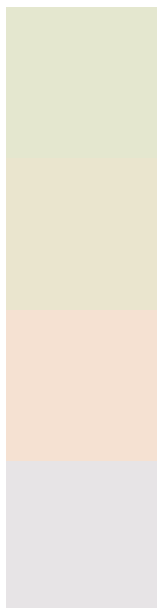
230.0260, 23.4740, 4.0980



Tritanopia

230.0310, -1.2850, 6.7710

Trichromacy



Original Color

227.3670, 5.9160, -8.1000

Protanomaly

227.8730, 10.3630, -6.0930

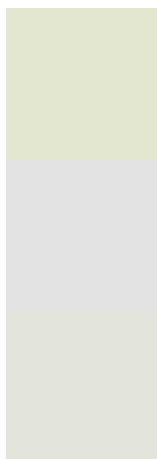
Deuteranomaly

229.2700, 16.7350, -0.4250

Tritanomaly

229.1250, 1.1460, 1.2580

Monochromacy



Original Color

227.3670, 5.9160, -8.1000

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.7890, 1.9720, -2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.3670, 5.9160, -8.1000 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(228, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 231, 207)  
}
```

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(228, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 231, 207) }
```

Border

The CSS property to change the border of an element to YIQ 227.3670, 5.9160, -8.1000 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(228, 231, 207) }
```


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

```
.border{ border-color:rgb(228, 231, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 231, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 231, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 231, 207); box-shadow:4px 4px 4px 4px rgb(228, 231, 207) }
```

Background

The CSS property to change the background color of an element to YIQ 227.3670, 5.9160, -8.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 231, 207) }
```

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

```
.background{ background-color: rgb(228,  
231, 207) }
```

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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