

Converting Colors

YIQ(229.7840, 0.3680, -6.6720)

Have a look what the booklet for
YIQ(229.7840, 0.3680, -6.6720)
contains.

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Color

**YIQ(229.7840, 0.3680,
-6.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EADA
RGB	226, 234, 218
RGB Percent	89%, 92%, 85%
CMY	0.1137, 0.0823, 0.1451
CMYK	0.03, 0.00, 0.07, 0.08
HSL	90°, 28%, 89%
HSV	90°, 7%, 92%
XYZ	73.4408, 80.0772, 77.9178
YIQ	229.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

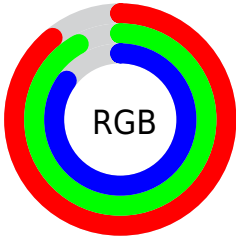
Format	Color
R _Y B	218, 234, 226
Decimal	14871258
CIE Lab	91.72, -5.49, 6.83
CIE LCh	92, 8.767, 128.807
Yxy	80.0772, 0.3173, 0.3460
Android (android.graphics.Color)	4293061338 (0xFFE2EADA)
YUV	229.7840, -5.8095, -3.3186
Hunter-Lab	89.4859, -10.1058, 11.0147

Details

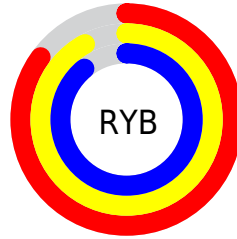
The YIQ color $229.7840, 0.3680, -6.6720$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $222.2160, -0.3680, 6.6720$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.1970, 0.6430, -6.1490$ is the 20% darker color. If you saturate the color by 10%, you get $223.5740, 0.5990, -16.3690$, and if you desaturate by 10%, it is $235.9940, 0.1370, 3.0250$.

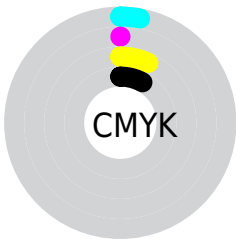
Distribution



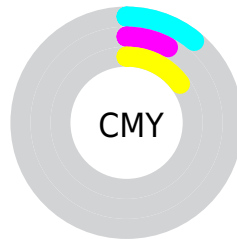
- Red (89%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7840, 0.3680, -6.6720 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 229.7840, 0.3680, -6.6720 by changing the saturation by 10% instead.

■ 229.7840, 0.3680,
-6.6720

■ 229.7840, 0.3680,
-6.6720

255.0000, -0.0000,
-0.0000

■ 201.7840, 0.3680,
-6.6720

■ 174.1970, 0.6430,
-6.1490

■ 147.8980, 0.0470,
-6.3610

■ 122.1970, 0.6430,
-6.1490

■ 97.3110, 0.3220,
-5.8380

■ 73.4250, 0.0010,
-5.5270

■ 50.8380, 0.2760,

-5.0040

■ 29.8380, 0.2760,
-5.0040

■ 5.8700, -2.7500,
-5.2300

■ 229.7840, 0.3680,
-6.6720

■ 229.7840, 0.3680,
-6.6720

■ 223.5740, 0.5990,
-16.3690

■ 235.9940, 0.1370,
3.0250

■ 217.5490, 1.7470,
-26.1650

■ 240.8790, 2.1990,
9.7110

■ 211.3390, 1.9780,
-35.8620

■ 242.6730, 5.7750,
10.9830

■ 205.0150, 2.5300,
-45.8700

■ 198.8050, 2.7610,
-55.5670

■ 192.8940, 3.5880,
-65.0520

■ 186.5700, 4.1400,
-75.0600

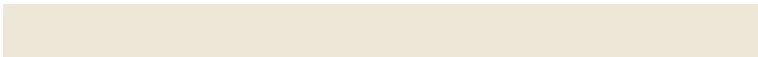
■ 180.3600, 4.3710,
-84.7570

■ 174.3350, 5.5190,
-94.5530

Harmonies

Analogous

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



230.6710, 8.1160, -3.9160



229.7840, 0.3680, -6.6720



229.0650, -7.7930, -7.4490

Triad

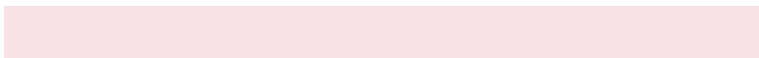
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.7840, 0.3680, -6.6720



230.3990, -14.3050, 0.4390



233.2190, 12.7450, 5.8090

Complementary

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



229.7840, 0.3680, -6.6720



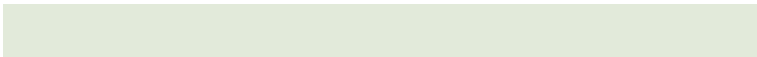
222.2160, -0.3680, 6.6720

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.



232.9350, 7.7930, 7.4490



229.7840, 0.3680, -6.6720



231.4430, -8.4370, 4.2270

Square

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



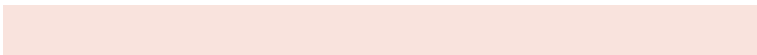
229.7840, 0.3680, -6.6720



229.0950, -16.5050, -3.7450



232.2160, -0.3680, 6.6720



232.8940, 15.0380, 2.7980

Rectangle

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



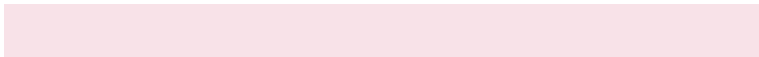
229.7840, 0.3680, -6.6720



228.5530, -12.1030, -6.4310



232.2160, -0.3680, 6.6720



233.2620, 11.1860, 6.5300

Sweetspot

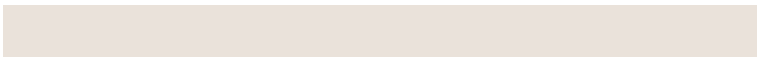
The Sweet Spot groups the original color and five complimentary colors.



229.7840, 0.3680, -6.6720



253.5330, -0.1830, -2.1910



227.4800, 7.3360, -0.7920



127.0600, -0.2290, -1.3570



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.



229.7840, 0.3680, -6.6720



249.7300, 0.4600, -8.3400



227.3920, -4.4000, -8.3680



113.9520, -0.0450, -4.6930



133.1570, 3.8650, -75.5830



39.7710, 1.2420, -22.5180

Inverse Universe

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



222.2160, -0.3680, 6.6720



240.2700, -0.4600, 8.3400



224.6080, 4.4000, 8.3680



108.7490, -0.5510, 4.4810



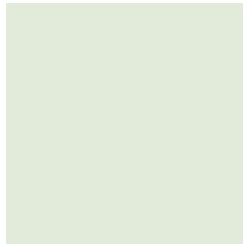
47.8430, -3.8650, 75.5830



14.2290, -1.2420, 22.5180

Previews

White Background



This preview shows how the YIQ color 229.7840, 0.3680, -6.6720 looks on a white background.

Color Contrast Check

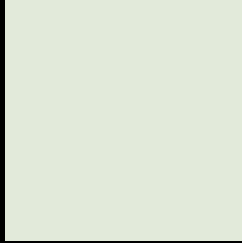
Large Text (above 18pt) WCAG AA × Fail

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 229.7840, 0.3680, -6.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

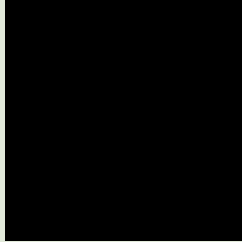
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

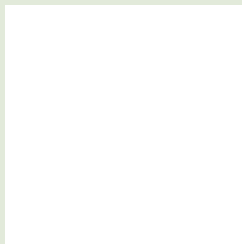
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.7840, 0.3680, -6.6720

Background



This preview shows how black text looks on a background with the YIQ color 229.7840, 0.3680, -6.6720.



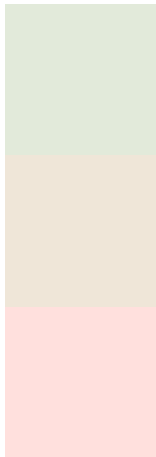
This preview shows how white text looks on a background with the YIQ color 229.7840, 0.3680,

-6.6720.

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

229.7840, 0.3680, -6.6720

Protanopia

231.0950, 9.8580, -2.4460

Deuteranopia

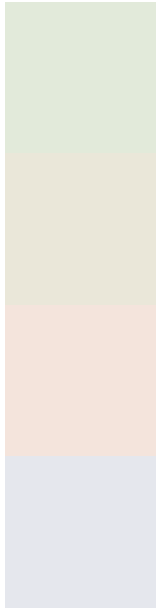
232.9270, 19.4390, 5.6390



Tritanopia

232.3510, -5.1820, 5.8100

Trichromacy



Original Color

229.7840, 0.3680, -6.6720

Protanomaly

230.3010, 6.2820, -3.7180

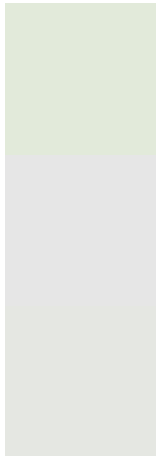
Deuteranomaly

231.8720, 12.1040, 0.9040

Tritanomaly

231.0860, -3.1180, 1.4420

Monochromacy



Original Color

229.7840, 0.3680, -6.6720

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.8320, 0.4130, -1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7840, 0.3680, -6.6720 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, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 234, 218)  
}
```

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, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 218) }
```

Border

The CSS property to change the border of an element to YIQ 229.7840, 0.3680, -6.6720 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, 234, 218) }
```


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

```
.border{ border-color:rgb(226, 234, 218) }
```

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

Here you see how a box with a 4 pixel rgb(226, 234, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7840, 0.3680, -6.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 218) }
```

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

```
.background{ background-color: rgb(226,  
234, 218) }
```

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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