

# Converting Colors

YIQ(229.8680, 17.9270, -0.0010)

Have a look what the booklet for  
YIQ(229.8680, 17.9270, -0.0010)  
contains.

<b>YIQ(229.8680, 17.9270, -0.0010)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(229.8680, 17.9270,  
-0.0010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7E1D2
RGB	247, 225, 210
RGB Percent	97%, 88%, 82%
CMY	0.0313, 0.1177, 0.1764
CMYK	0.00, 0.09, 0.15, 0.03
HSL	24°, 70%, 90%
HSV	24°, 15%, 97%
XYZ	76.9198, 78.2758, 72.0412
YIQ	229.8680, 17.9270, -0.0010

# Conversions

## Conversions Part 2

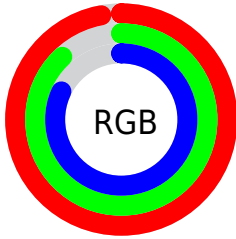
Format	Color
R <sub>Y</sub> B	247, 235, 210
Decimal	16245202
CIE Lab	90.91, 5.15, 10.04
CIE LCh	91, 11.286, 62.867
Yxy	78.2758, 0.3385, 0.3445
Android (android.graphics.Color)	4294435282 (0xFFF7E1D2)
YUV	229.8680, -9.7949, 15.0248
Hunter-Lab	88.4736, 0.3609, 13.6536

# Details

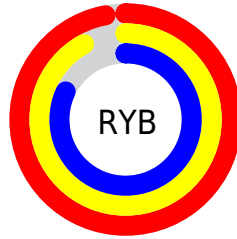
The YIQ color  $229.8680, 17.9270, -0.0010$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $227.1320, -17.9270, 0.0010$ , and the grayscale version is  $230.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $174.3840, 16.4140, -0.1140$  is the 20% darker color. If you saturate the color by 10%, you get  $218.2130, 30.0770, 0.0690$ , and if you desaturate by 10%, it is  $241.5230, 5.7770, -0.0710$ .

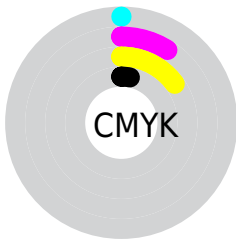
# Distribution



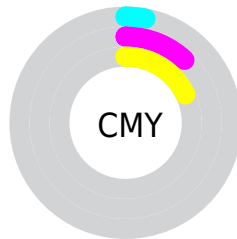
- Red (97%)
- Green (88%)
- Blue (82%)



- Red (97%)
- Yellow (92%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 229.8680, 17.9270, -0.0010 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 229.8680, 17.9270, -0.0010 by changing the saturation by 10% instead.



229.8680, 17.9270,  
-0.0010

229.8680, 17.9270,  
-0.0010

255.0000, -0.0000,  
-0.0000

201.5690, 17.3310,  
-0.2130

174.3840, 16.4140,  
-0.1140

147.4980, 16.0930,  
0.1970

122.0850, 15.8180,  
-0.3260

96.9000, 14.9010,  
-0.2270

72.7150, 13.9840,  
-0.1280

50.5300, 13.0670,

-0.0290

■ 28.9320, 11.8750,  
-0.4530

■ 5.0830, 10.1320,  
3.6040

■ 229.8680, 17.9270,  
-0.0010

■ 229.8680, 17.9270,  
-0.0010

■ 218.2130, 30.0770,  
0.0690

■ 241.5230, 5.7770,  
-0.0710

■ 207.2590, 41.6310,  
-0.0730

■ 252.0210, -4.4930,  
-1.1730

■ 195.6040, 53.7810,  
-0.0030

■ 252.6080, -4.7680,  
-1.6960

■ 183.9490, 65.9310,  
0.0670

■ 172.4080, 77.7600,  
0.4480

■ 161.3400, 89.6350,  
-0.0050

■ 149.6850,  
101.7850, 0.0650

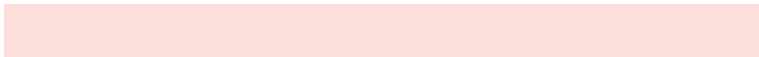
■ 138.0300,  
113.9350, 0.1350

■ 132.5530,  
119.7120, 0.0640

# Harmonies

## Analogous

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



230.5140, 19.1640, 5.1160



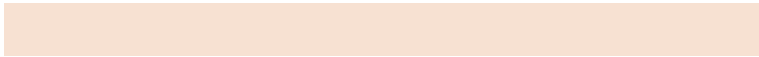
229.8680, 17.9270, -0.0010



228.2970, 12.1050, -4.6230

# Triad

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



229.8680, 17.9270, -0.0010



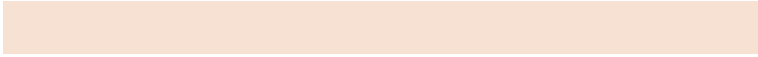
225.1610, -16.8710, -8.1270



230.4870, -2.5690, 8.0150

# Complementary

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



229.8680, 17.9270, -0.0010



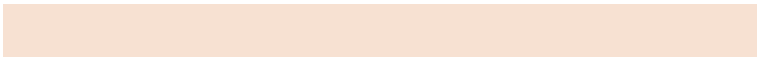
227.1320, -17.9270, 0.0010

# 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.



228.4040, -12.7010, 4.4110



229.8680, 17.9270, -0.0010



225.7030, -21.2730, -5.4410

# Square

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



229.8680, 17.9270, -0.0010



226.0110, -7.7010, -9.1170



227.2350, -19.7150, -0.6350

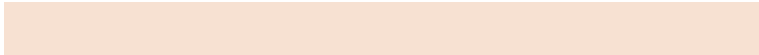


231.1030, 7.3800, 9.4280



# Rectangle

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



229.8680, 17.9270, -0.0010



227.8940, 5.8700, -7.2660



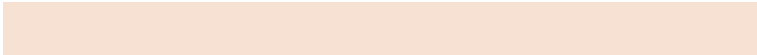
227.2350, -19.7150, -0.6350



229.8070, -6.4660, 7.0540

# Sweetspot

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



229.8680, 17.9270, -0.0010



250.3380, 4.8600, 0.0280



223.5710, 14.9900, 14.6860



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

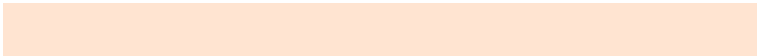


# Same Dimension

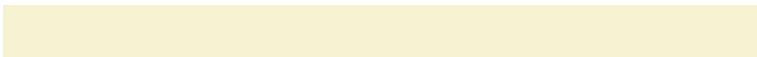
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.8680, 17.9270, -0.0010



233.9070, 22.1910, -0.1850



240.4340, 12.9770, -9.4150



116.5230, 5.7770, -0.0710



99.6390, 90.2310, 0.2070



31.7290, 28.5640, -0.0440

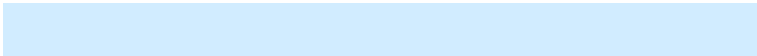


# Inverse Universe

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



227.1320, -17.9270, 0.0010



230.0930, -22.1910, 0.1850



216.5660, -12.9770, 9.4150



115.4770, -5.7770, 0.0710



86.3610, -90.2310, -0.2070

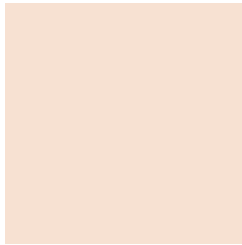


27.2710, -28.5640, 0.0440



# Previews

## White Background



This preview shows how the YIQ color 229.8680, 17.9270, -0.0010 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 229.8680, 17.9270, -0.0010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

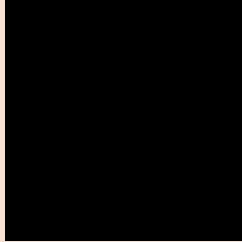
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 229.8680, 17.9270, -0.0010**

## **Background**



This preview shows how black text looks on a background with the YIQ color 229.8680, 17.9270, -0.0010.



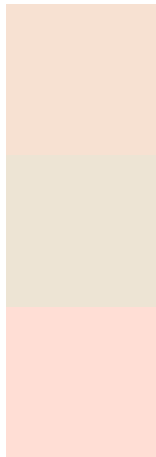
This preview shows how white text looks on a background with the YIQ color 229.8680, 17.9270, -0.0010.

-0.0010.

# 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

229.8680, 17.9270, -0.0010

### Protanopia

228.8670, 10.5000, -3.0680

### Deuteranopia

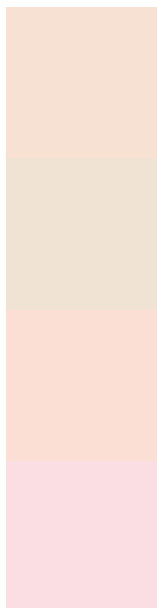
230.8410, 22.5570, 4.1970



## Tritanopia

231.9080, 12.4230, 11.6470

# Trichromacy



## Original Color

229.8680, 17.9270, -0.0010

## Protanomaly

229.3620, 13.4800, -2.0080

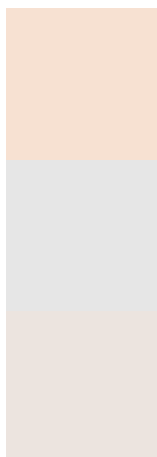
## Deuteranomaly

230.4170, 20.8150, 2.7270

## Tritanomaly

231.0560, 14.7620, 7.8020

# Monochromacy



## Original Color

229.8680, 17.9270, -0.0010

## Achromatopsia

230.0000, -0.0000, 0.0000

## Achromatomaly

229.8220, 6.3730, 0.1410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 229.8680, 17.9270, -0.0010 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(247, 225, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 210)  
}
```

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(247, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 210) }
```

## Border

The CSS property to change the border of an element to YIQ 229.8680, 17.9270, -0.0010 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(247, 225, 210) }
```



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

```
.border{ border-color:rgb(247, 225, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
210) }
```

# Background

The CSS property to change the background color of an element to YIQ 229.8680, 17.9270, -0.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 210) }
```

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

```
.background{ background-color: rgb(247,  
225, 210) }
```

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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