

Converting Colors

YIQ(229.9680, 37.4160,
-17.3040)

Have a look what the booklet for
YIQ(229.9680, 37.4160, -17.3040)
contains.

YIQ(229.9680, 37.4160, -17.3040)	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(229.9680, 37.4160,
-17.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE79F
RGB	255, 231, 159
RGB Percent	100%, 91%, 62%
CMY	0.0000, 0.0941, 0.3763
CMYK	0.00, 0.09, 0.38, 0.00
HSL	45°, 100%, 81%
HSV	45°, 38%, 100%
XYZ	76.0756, 80.9111, 44.4324
YIQ	229.9680, 37.4160, -17.3040

Conversions

Conversions Part 2

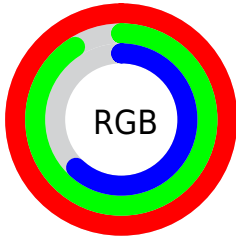
Format	Color
R _Y B	191, 255, 159
Decimal	16770975
CIE Lab	92.09, -1.68, 38.02
CIE LCh	92, 38.056, 92.527
Yxy	80.9111, 0.3777, 0.4017
Android (android.graphics.Color)	4294961055 (0xFFFFE79F)
YUV	229.9680, -34.9872, 21.9531
Hunter-Lab	89.9506, -6.4474, 33.6783

Details

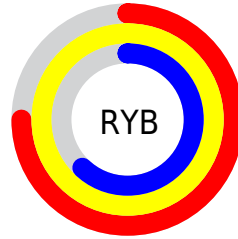
The YIQ color $229.9680, 37.4160, -17.3040$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.0320, -37.4160, 17.3040$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3260, 13.1610, -12.7510$, and $174.4130, 34.6650, -17.0070$ is the 20% darker color. If you saturate the color by 10%, you get $223.5960, 47.0910, -21.9410$, and if you desaturate by 10%, it is $236.4540, 27.4200, -12.3560$.

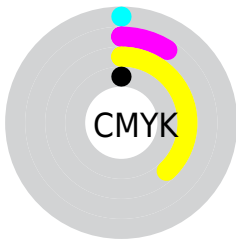
Distribution



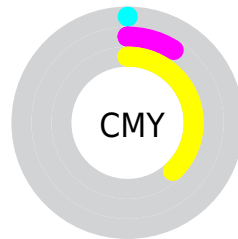
- Red (100%)
- Green (91%)
- Blue (62%)



- Red (75%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9680, 37.4160, -17.3040 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 229.9680, 37.4160, -17.3040 by changing the saturation by 10% instead.

229.9680, 37.4160,
-17.3040

229.9680, 37.4160,
-17.3040

255.0000, -0.0000,
-0.0000

201.7830, 36.4990,
-17.2050

250.3260, 13.1610,
-12.7510

174.4130, 34.6650,
-17.0070

253.6320, 3.8520,
-3.7320

147.3420, 33.4270,
-16.5970

120.8580, 31.9140,
-16.7100

95.9610, 30.1260,
-17.3460

71.1350, 29.5760,
-18.3920

49.6600, 23.8440,

-13.6280

■ 30.4450, 14.4440,
-8.4680

■ 7.3760, 1.6970,
-3.2230

■ 229.9680, 37.4160,
-17.3040

■ 229.9680, 37.4160,
-17.3040

■ 223.5960, 47.0910,
-21.9410

■ 236.4540, 27.4200,
-12.3560

■ 216.5230, 57.3620,
-26.3660

■ 243.4130, 17.4700,
-8.2420

■ 210.1510, 67.0370,
-31.0030

■ 249.8990, 7.4740,
-3.2940

■ 203.0780, 77.3080,
-35.4280

■ 255.0000, -0.0000,
-0.0000

■ 196.7060, 86.9830,
-40.0650

■ 190.2200, 96.9790,
-45.0130

■ 188.3620, 99.4550,
-45.8330

Harmonies

Analogous

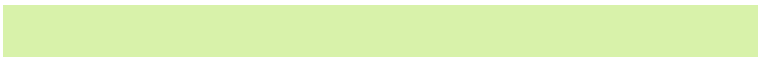
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.9500, 37.8270, -8.2290



229.9680, 37.4160, -17.3040



226.0180, 7.6160, -27.9040

Triad

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



229.9680, 37.4160, -17.3040



210.4930, -82.9360, -27.8000



228.5850, 12.3750, 23.5350

Complementary

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



229.9680, 37.4160, -17.3040



184.0320, -37.4160, 17.3040

Split Complementary

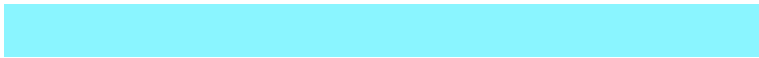
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7420, 1.3270, 14.5030



229.9680, 37.4160, -17.3040



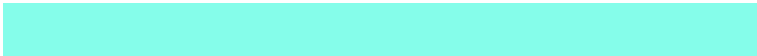
214.1470, -66.9820, -19.5740

Square

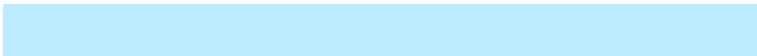
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.9680, 37.4160, -17.3040



214.9540, -65.4210, -31.3490



223.5260, -33.8360, -3.5320



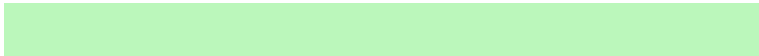
222.9140, 21.4540, 18.6860

Rectangle

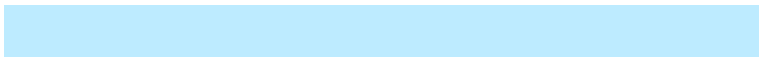
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.9680, 37.4160, -17.3040



222.2200, -16.5000, -31.3800



223.5260, -33.8360, -3.5320



230.9330, 11.2750, 21.4430

Sweetspot

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



229.9680, 37.4160, -17.3040



247.6990, 10.9130, -5.0470



190.6680, 48.8700, 28.4380



123.1270, 6.8320, -2.6720



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

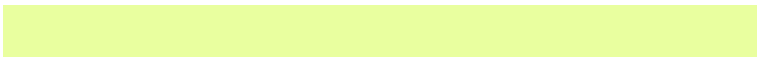
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.9680, 37.4160, -17.3040



224.8670, 44.8900, -20.5980



237.4780, 17.7040, -34.5200



124.1700, 5.2730, -1.9510



141.0500, 74.5110, -34.2970



47.3120, 24.9440, -11.5360

Inverse Universe

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



184.0320, -37.4160, 17.3040



170.1330, -44.8900, 20.5980



176.5220, -17.7040, 34.5200



118.2430, -4.9980, 2.4740



49.9500, -74.5110, 34.2970



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 229.9680, 37.4160, -17.3040 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 229.9680, 37.4160, -17.3040 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 229.9680, 37.4160, -17.3040

Background



This preview shows how black text looks on a background with the YIQ color 229.9680, 37.4160, -17.3040.



This preview shows how white text looks on a background with the YIQ color 229.9680, 37.4160, -17.3040.

-17.3040.

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

229.9680, 37.4160, -17.3040

Protanopia

229.4730, 34.4360, -18.3640

Deuteranopia

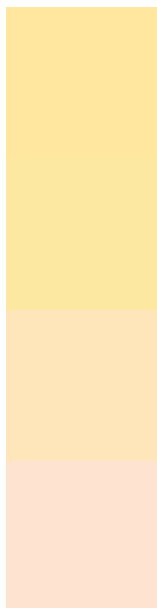
233.1090, 24.4380, -2.3620



Tritanopia

234.7510, 14.3030, 10.6150

Trichromacy



Original Color

229.9680, 37.4160, -17.3040

Protanomaly

229.7720, 35.0320, -18.1520

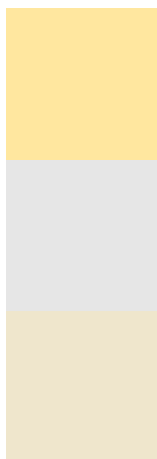
Deuteranomaly

231.8720, 29.2990, -7.8610

Tritanomaly

233.3200, 22.4660, 0.3380

Monochromacy



Original Color

229.9680, 37.4160, -17.3040

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.7270, 13.7100, -6.1780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9680, 37.4160, -17.3040 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(255, 231, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 159)  
}
```

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(255, 231, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 159) }
```

Border

The CSS property to change the border of an element to YIQ 229.9680, 37.4160, -17.3040 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(255, 231, 159) }
```


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

```
.border{ border-color:rgb(255, 231, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9680, 37.4160, -17.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 159) }
```

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

```
.background{ background-color: rgb(255,  
231, 159) }
```

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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