

Converting Colors

YIQ(229.4680, 16.7780, 15.3220)

Have a look what the booklet for
YIQ(229.4680, 16.7780, 15.3220)
contains.

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Color

**YIQ(229.4680, 16.7780,
15.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7ED
RGB	255, 215, 237
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1569, 0.0705
CMYK	0.00, 0.16, 0.07, 0.00
HSL	327°, 100%, 92%
HSV	327°, 16%, 100%
XYZ	80.8241, 75.9675, 90.5337
YIQ	229.4680, 16.7780, 15.3220

Conversions

Conversions Part 2

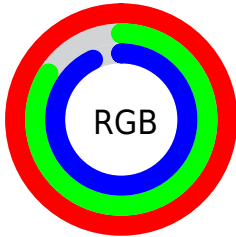
Format	Color
R _Y B	255, 215, 237
Decimal	16766957
CIE Lab	89.84, 17.48, -5.58
CIE LCh	90, 18.344, 342.300
Yxy	75.9675, 0.3268, 0.3072
Android (android.graphics.Color)	4294957037 (0xFFFFD7ED)
YUV	229.4680, 3.7133, 22.3916
Hunter-Lab	87.1593, 12.9967, -0.5739

Details

The YIQ color **229.4680, 16.7780, 15.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **240.5320, -16.7780, -15.3220**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **173.7560, 15.9070, 14.5870** is the 20% darker color. If you saturate the color by 10%, you get **212.9520, 27.4590, 25.4990**, and if you desaturate by 10%, it is **245.3970, 6.3720, 5.6680**.

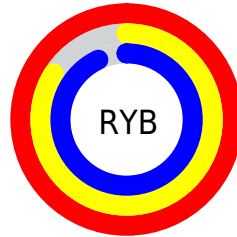
Distribution



Red (100%)

Green (84%)

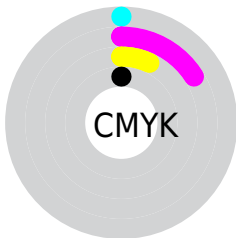
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

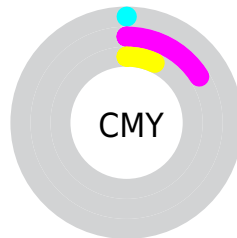


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.4680, 16.7780, 15.3220 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 229.4680, 16.7780, 15.3220 by changing the saturation by 10% instead.

229.4680, 16.7780,
15.3220

229.4680, 16.7780,
15.3220

255.0000, -0.0000,
-0.0000

201.1690, 16.1820,
15.1100

173.7560, 15.9070,
14.5870

147.3430, 15.6320,
14.0640

121.0440, 15.0360,
13.8520

96.3320, 14.1650,
13.1170

72.0330, 13.5690,
12.9050

49.3210, 12.6980,

12.1700

■ 27.7230, 11.5060,
11.7460

■ 9.8540, 12.5150,
9.9790

■ 229.4680, 16.7780,
15.3220

■ 229.4680, 16.7780,
15.3220

■ 212.9520, 27.4590,
25.4990

■ 245.3970, 6.3720,
5.6680

■ 196.9090, 38.1860,
34.8420

255.0000, -0.0000,
-0.0000

■ 180.3930, 48.8670,
45.0190

■ 164.3500, 59.5940,
54.3620

■ 147.8340, 70.2750,
64.5390

■ 131.7910, 81.0020,
73.8820

■ 115.2750, 91.6830,
84.0590

■ 99.2320, 102.4100,
93.4020

■ 92.2050, 107.0400,
97.6000

Harmonies

Analogous

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



228.4430, 0.7310, 14.2910



229.4680, 16.7780, 15.3220



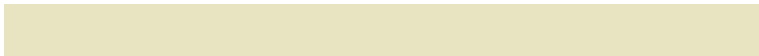
226.8290, 22.8310, 10.2470

Triad

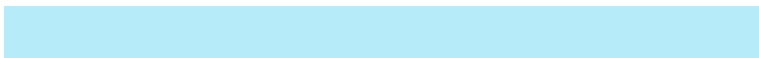
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.4680, 16.7780, 15.3220



224.5050, 14.2150, -9.8250



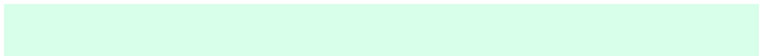
220.7490, -36.0820, -6.8820

Complementary

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



229.4680, 16.7780, 15.3220



240.5320, -16.7780, -15.3220

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.



219.5120, -31.2210, -12.3810



229.4680, 16.7780, 15.3220



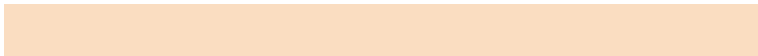
222.3720, -1.6480, -14.1920

Square

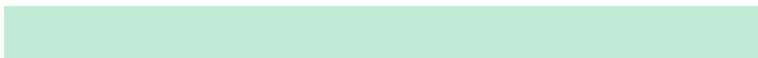
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



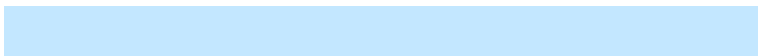
229.4680, 16.7780, 15.3220



226.4790, 26.2720, -2.5600



220.4610, -18.0160, -14.9120



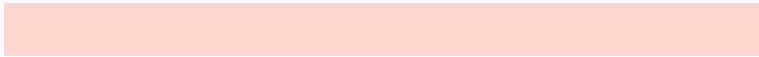
222.9720, -29.1600, -0.1680

Rectangle

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



229.4680, 16.7780, 15.3220



226.1620, 26.0870, 6.3030



220.4610, -18.0160, -14.9120



219.5810, -35.6690, -8.8610

Sweetspot

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



229.4680, 16.7780, 15.3220



246.6850, 5.5010, 4.9330



224.6430, -2.7080, 16.0440



122.8480, 3.4840, 2.9400



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.



229.4680, 16.7780, 15.3220



224.3160, 20.2620, 18.2620



227.3020, 22.8770, 9.4130



119.6850, 5.5010, 4.9330



69.0790, 80.1310, 73.1470



23.1260, 26.9090, 24.4530

Inverse Universe

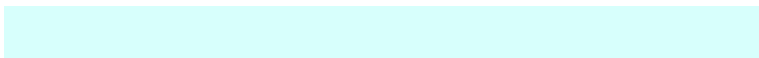
The Inverse Universe completely reimagines the original color for something new.



229.4680, 16.7780, 15.3220



224.3160, 20.2620, 18.2620



242.6980, -22.8770, -9.4130



119.6850, 5.5010, 4.9330



69.0790, 80.1310, 73.1470



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 229.4680, 16.7780, 15.3220 looks on a white background.

Color Contrast Check

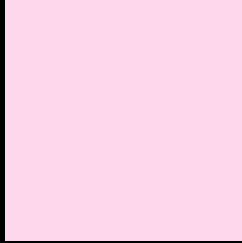
Large Text (above 18pt) WCAG AA × Fail

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 229.4680, 16.7780, 15.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

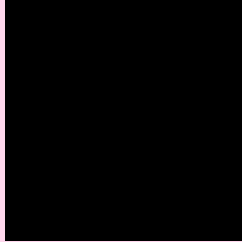
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.4680, 16.7780, 15.3220

Background



This preview shows how black text looks on a background with the YIQ color 229.4680, 16.7780, 15.3220.



This preview shows how white text looks on a background with the YIQ color 229.4680, 16.7780,

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

229.4680, 16.7780, 15.3220

Protanopia

227.0520, -5.7780, 5.5980

Deuteranopia

228.1140, 8.8470, 10.3750



Tritanopia

229.3000, 17.1910, 13.3430

Trichromacy



Original Color

229.4680, 16.7780, 15.3220

Protanomaly

227.7650, 2.5200, 9.4000

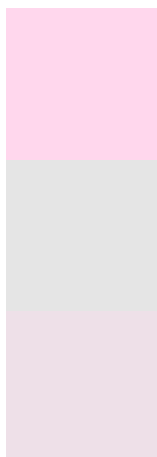
Deuteranomaly

228.7230, 11.5060, 11.7460

Tritanomaly

229.4140, 16.8700, 13.6540

Monochromacy



Original Color

229.4680, 16.7780, 15.3220

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0980, 5.7760, 5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.4680, 16.7780, 15.3220 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, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 237)  
}
```

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, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 237) }
```

Border

The CSS property to change the border of an element to YIQ 229.4680, 16.7780, 15.3220 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, 215, 237) }
```


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

```
.border{ border-color:rgb(255, 215, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 229.4680, 16.7780, 15.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 237) }
```

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

```
.background{ background-color: rgb(255,  
215, 237) }
```

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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