

Converting Colors

YIQ(229.7000, 10.3130, 16.8490)

Have a look what the booklet for
YIQ(229.7000, 10.3130, 16.8490)
contains.

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Color

**YIQ(229.7000, 10.3130,
16.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD8F7
RGB	250, 216, 247
RGB Percent	98%, 85%, 97%
CMY	0.0195, 0.1530, 0.0314
CMYK	0.00, 0.14, 0.01, 0.02
HSL	305°, 77%, 91%
HSV	305°, 14%, 98%
XYZ	80.7749, 76.1488, 98.4401
YIQ	229.7000, 10.3130, 16.8490

Conversions

Conversions Part 2

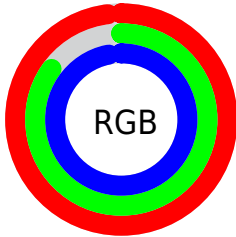
Format	Color
R _Y B	250, 216, 247
Decimal	16439543
CIE Lab	89.93, 17.02, -10.75
CIE LCh	90, 20.130, 327.707
Yxy	76.1488, 0.3163, 0.2982
Android (android.graphics.Color)	4294629623 (0xFFFA8F7)
YUV	229.7000, 8.5289, 17.8031
Hunter-Lab	87.2633, 12.5170, -5.7996

Details

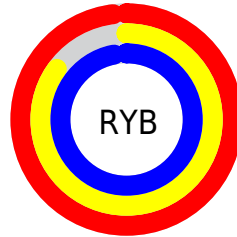
The YIQ color $229.7000, 10.3130, 16.8490$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $236.3000, -10.3130, -16.8490$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.9880, 9.4420, 16.1140$ is the 20% darker color. If you saturate the color by 10%, you get $214.7970, 17.8300, 29.3020$, and if you desaturate by 10%, it is $244.6030, 2.7960, 4.3960$.

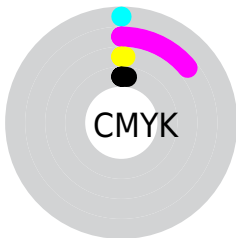
Distribution



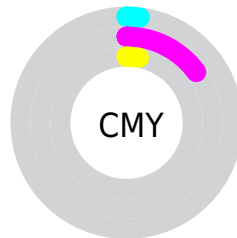
- Red (98%)
- Green (85%)
- Blue (97%)



- Red (98%)
- Yellow (85%)
- Blue (97%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7000, 10.3130, 16.8490 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 229.7000, 10.3130, 16.8490 by changing the saturation by 10% instead.

229.7000, 10.3130,
16.8490

229.7000, 10.3130,
16.8490

255.0000, -0.0000,
-0.0000

201.2870, 10.0380,
16.3260

173.9880, 9.4420,
16.1140

147.5750, 9.1670,
15.5910

121.4610, 9.4880,
15.2800

96.7490, 8.6170,
14.5450

72.3360, 8.3420,
14.0220

49.6240, 7.4710,

13.2870

■ 28.2110, 7.1960,
12.7640

■ 9.9830, 7.8380,
12.1420

■ 229.7000, 10.3130,
16.8490

■ 229.7000, 10.3130,
16.8490

■ 214.7970, 17.8300,
29.3020

■ 244.6030, 2.7960,
4.3960

■ 199.8940, 25.3470,
41.7550

■ 253.0490, -1.6960,
-2.3040

■ 184.8770, 33.1850,
53.8970

■ 253.3910, -2.6590,
-1.3710

■ 169.9740, 40.7020,
66.3500

■ 253.5050, -2.9800,
-1.0600

■ 155.0710, 48.2190,
78.8030

■ 140.1680, 55.7360,
91.2560

■ 125.1510, 63.5740,
103.3980

■ 110.2480, 71.0910,
115.8510

■ 100.7420, 75.8120,
123.9080

Harmonies

Analogous

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



227.5560, -7.0170, 11.5350



229.7000, 10.3130, 16.8490



227.2680, 20.2170, 13.5690

Triad

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



229.7000, 10.3130, 16.8490



225.5770, 22.8800, -7.1680



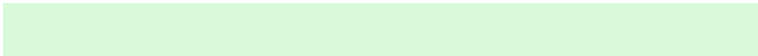
219.1460, -38.8780, -11.2780

Complementary

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



229.7000, 10.3130, 16.8490



236.3000, -10.3130, -16.8490

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.



219.0730, -28.6070, -15.7030



229.7000, 10.3130, 16.8490



223.2760, 7.4300, -13.5140

Square

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



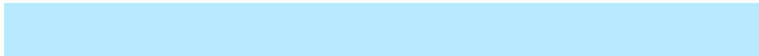
229.7000, 10.3130, 16.8490



226.3270, 29.7560, 0.3800



221.1150, -11.2300, -16.7500



221.1450, -37.1370, -4.2810

Rectangle

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



229.7000, 10.3130, 16.8490



225.7860, 24.3900, 9.5260



221.1150, -11.2300, -16.7500



218.7610, -36.3560, -12.9320

Sweetspot

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



229.7000, 10.3130, 16.8490



249.0160, 3.0710, 4.9190



220.7730, -9.1260, 11.2100



123.7770, 2.2460, 3.3500



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.



229.7000, 10.3130, 16.8490



230.4770, 12.5590, 20.1990



227.7620, 15.7700, 11.5620



117.2550, 3.8960, 6.4880



76.1190, 57.4320, 93.5600



24.6230, 18.3800, 30.3480

Inverse Universe

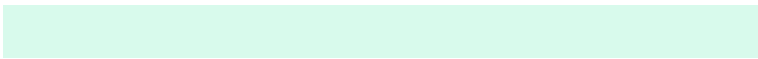
The Inverse Universe completely reimagines the original color for something new.



229.7000, 10.3130, 16.8490



230.4770, 12.5590, 20.1990



238.2380, -15.7700, -11.5620



117.2550, 3.8960, 6.4880



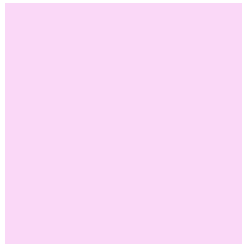
76.1190, 57.4320, 93.5600



24.6230, 18.3800, 30.3480

Previews

White Background



This preview shows how the YIQ color 229.7000, 10.3130, 16.8490 looks on a white background.

Color Contrast Check

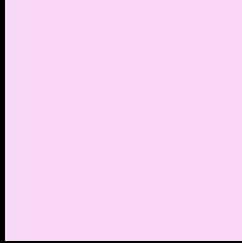
Large Text (above 18pt) WCAG AA × Fail

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 229.7000, 10.3130, 16.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

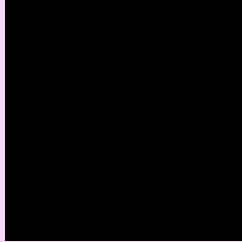
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 229.7000, 10.3130, 16.8490

Background



This preview shows how black text looks on a background with the YIQ color 229.7000, 10.3130, 16.8490.



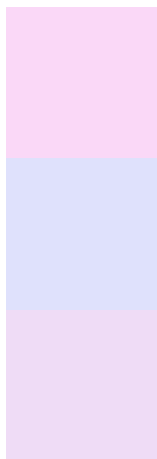
This preview shows how white text looks on a background with the YIQ color 229.7000, 10.3130,

16.8490.

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

229.7000, 10.3130, 16.8490

Protanopia

227.4800, -9.8590, 7.9730

Deuteranopia

228.6450, 2.9780, 12.1140



Tritanopia

228.9080, 12.4230, 11.6470

Trichromacy



Original Color

229.7000, 10.3130, 16.8490

Protanomaly

228.4810, -2.4320, 11.0400

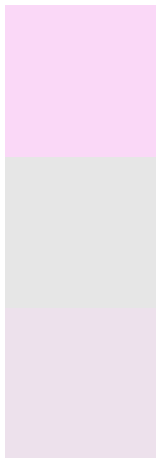
Deuteranomaly

229.2540, 5.6370, 13.4850

Tritanomaly

229.0760, 12.0100, 13.6260

Monochromacy



Original Color

229.7000, 10.3130, 16.8490

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7000, 10.3130, 16.8490 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(250, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 247)  
}
```

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(250, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 247) }
```

Border

The CSS property to change the border of an element to YIQ 229.7000, 10.3130, 16.8490 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(250, 216, 247) }
```


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

```
.border{ border-color:rgb(250, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7000, 10.3130, 16.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 247) }
```

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

```
.background{ background-color: rgb(250,  
216, 247) }
```

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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