

Converting Colors

YIQ(216.1310, 19.3450, 18.3610)

Have a look what the booklet for
YIQ(216.1310, 19.3450, 18.3610)
contains.

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Color

**YIQ(216.1310, 19.3450,
18.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C7E2
RGB	246, 199, 226
RGB Percent	96%, 78%, 89%
CMY	0.0352, 0.2197, 0.1137
CMYK	0.00, 0.19, 0.08, 0.04
HSL	326°, 72%, 87%
HSV	326°, 19%, 96%
XYZ	72.1659, 65.9283, 80.8836
YIQ	216.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

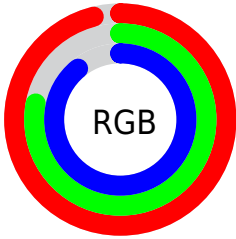
Format	Color
R _Y B	246, 199, 226
Decimal	16173026
CIE Lab	84.96, 20.97, -7.06
CIE LCh	85, 22.129, 341.384
Yxy	65.9283, 0.3296, 0.3011
Android (android.graphics.Color)	4294363106 (0xFFFF6C7E2)
YUV	216.1310, 4.8654, 26.1951
Hunter-Lab	81.1963, 16.5543, -2.2243

Details

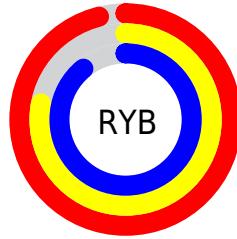
The YIQ color $216.1310, 19.3450, 18.3610$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $228.8690, -19.3450, -18.3610$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.1200, 17.8780, 17.4140$ is the 20% darker color. If you saturate the color by 10%, you get $200.3160, 29.4300, 28.3260$, and if you desaturate by 10%, it is $231.9460, 9.2600, 8.3960$.

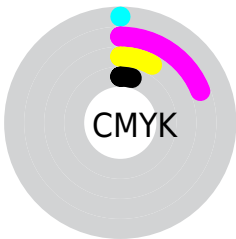
Distribution



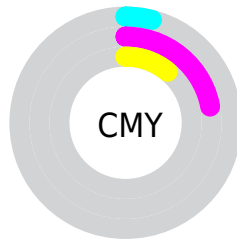
- Red (96%)
- Green (78%)
- Blue (89%)



- Red (96%)
- Yellow (78%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.1310, 19.3450, 18.3610 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 216.1310, 19.3450, 18.3610 by changing the saturation by 10% instead.


 216.1310, 19.3450,
18.3610


 216.1310, 19.3450,
18.3610


255.0000, -0.0000,
-0.0000


 188.4190, 18.4740,
17.6260

 161.1200, 17.8780,
17.4140

 134.7070, 17.6030,
16.8910

 109.1090, 16.4110,
16.4670

 84.6960, 16.1360,
15.9440

 60.9840, 15.2650,
15.2090

 38.3860, 14.0730,

14.7850

■ 15.9130, 14.0270,
15.6190

■ 0.0000, 0.0000,
0.0000

■ 216.1310, 19.3450,
18.3610

■ 216.1310, 19.3450,
18.3610

■ 200.3160, 29.4300,
28.3260

■ 231.9460, 9.2600,
8.3960

■ 184.9740, 39.5610,
37.4570

■ 247.2880, -0.8710,
-0.7350

■ 169.1590, 49.6460,
47.4220

■ 252.3090, -5.3640,
-1.9080

■ 153.8170, 59.7770,
56.5530

■ 138.0020, 69.8620,
66.5180

■ 122.0730, 80.2680,
76.1720

■ 106.8450, 90.0780,
85.6140

■ 90.9160, 100.4840,
95.2680

■ 89.6280, 101.3550,
96.0030

Harmonies

Analogous

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



215.1380, 0.2720, 17.1040



216.1310, 19.3450, 18.3610



215.8410, 31.7250, 14.2610

Triad

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



216.1310, 19.3450, 18.3610



210.3050, 17.6540, -11.5780



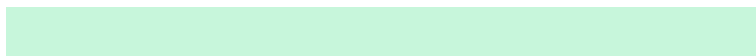
205.0900, -44.4720, -9.0160

Complementary

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



216.1310, 19.3450, 18.3610



228.8690, -19.3450, -18.3610

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.



203.8100, -38.0520, -15.2360



216.1310, 19.3450, 18.3610



207.6770, -1.1890, -17.0050

Square

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



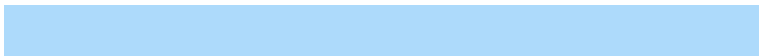
216.1310, 19.3450, 18.3610



212.4040, 30.8570, -3.0550



205.4990, -21.1790, -18.1630



208.3070, -37.4130, 0.7230

Rectangle

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



216.1310, 19.3450, 18.3610



214.8320, 35.9440, 9.3840



205.4990, -21.1790, -18.1630



204.1070, -43.1420, -11.0940

Sweetspot

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



216.1310, 19.3450, 18.3610



245.3970, 6.3720, 5.6680



210.3380, -3.1670, 18.8570



122.2610, 3.7590, 3.4630



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.



216.1310, 19.3450, 18.3610



217.5170, 24.2500, 23.0820



213.5090, 26.7280, 11.2080



114.3860, 4.9050, 4.7210



67.8120, 76.5090, 72.7090



21.5170, 24.2500, 23.0820

Inverse Universe

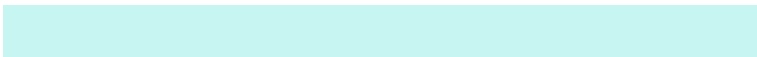
The Inverse Universe completely reimagines the original color for something new.



216.1310, 19.3450, 18.3610



217.5170, 24.2500, 23.0820



231.4910, -26.7280, -11.2080



114.3860, 4.9050, 4.7210



67.8120, 76.5090, 72.7090



21.5170, 24.2500, 23.0820

Previews

White Background



This preview shows how the YIQ color 216.1310, 19.3450, 18.3610 looks on a white background.

Color Contrast Check

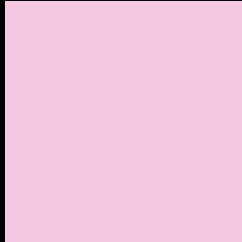
Large Text (above 18pt) WCAG AA × Fail

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 216.1310, 19.3450, 18.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

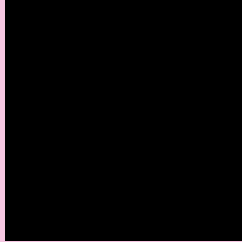
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.1310, 19.3450, 18.3610

Background



This preview shows how black text looks on a background with the YIQ color 216.1310, 19.3450, 18.3610.

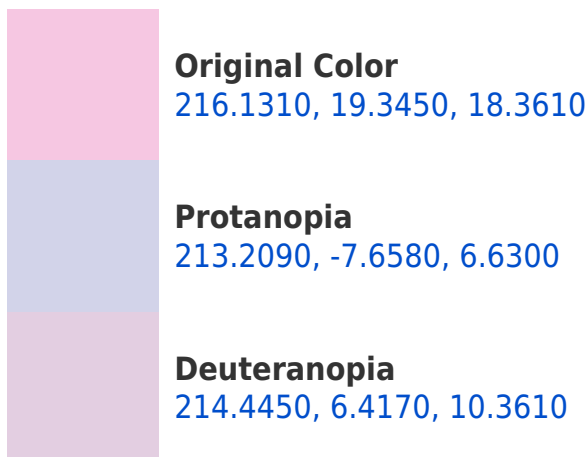


This preview shows how white text looks on a background with the YIQ color 216.1310, 19.3450,

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





Tritanopia

215.8660, 21.4090, 13.9930

Trichromacy



Original Color

216.1310, 19.3450, 18.3610

Protanomaly

214.4060, 2.1530, 10.5450

Deuteranomaly

214.7770, 11.4140, 13.4140

Tritanomaly

215.7350, 20.4000, 15.7600

Monochromacy



Original Color

216.1310, 19.3450, 18.3610

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2230, 6.9220, 6.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.1310, 19.3450, 18.3610 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(246, 199, 226)` looks like.

```
.text, #text, p{  
    color:rgb(246, 199, 226)  
}
```

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(246, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 199, 226) }
```

Border

The CSS property to change the border of an element to YIQ 216.1310, 19.3450, 18.3610 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(246, 199, 226) }
```


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

```
.border{ border-color:rgb(246, 199, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 199, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 199, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 199, 226);  
box-shadow:4px 4px 4px 4px rgb(246, 199,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 216.1310, 19.3450, 18.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 199, 226) }
```

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

```
.background{ background-color: rgb(246,  
199, 226) }
```

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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