

Converting Colors

YIQ(219.4300, 19.9410, 18.5730)

Have a look what the booklet for
YIQ(219.4300, 19.9410, 18.5730)
contains.

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Color

**YIQ(219.4300, 19.9410,
18.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	FACAE5
RGB	250, 202, 229
RGB Percent	98%, 79%, 90%
CMY	0.0195, 0.2079, 0.1019
CMYK	0.00, 0.19, 0.08, 0.02
HSL	326°, 83%, 89%
HSV	326°, 19%, 98%
XYZ	74.6971, 68.2198, 83.3704
YIQ	219.4300, 19.9410, 18.5730

Conversions

Conversions Part 2

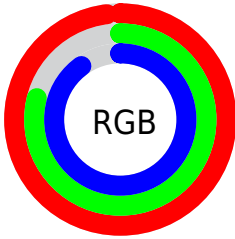
Format	Color
R _Y B	250, 202, 229
Decimal	16435941
CIE Lab	86.12, 21.26, -6.91
CIE LCh	86, 22.353, 341.999
Yxy	68.2198, 0.3301, 0.3015
Android (android.graphics.Color)	4294626021 (0xFFFACE5)
YUV	219.4300, 4.7180, 26.8099
Hunter-Lab	82.5953, 16.8892, -2.0297

Details

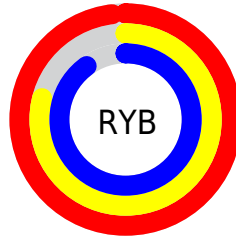
The YIQ color $219.4300, 19.9410, 18.5730$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.5700, -19.9410, -18.5730$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.4190, 18.4740, 17.6260$ is the 20% darker color. If you saturate the color by 10%, you get $203.5010, 30.3470, 28.2270$, and if you desaturate by 10%, it is $235.3590, 9.5350, 8.9190$.

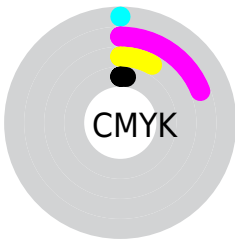
Distribution



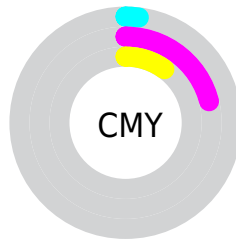
- Red (98%)
- Green (79%)
- Blue (90%)



- Red (98%)
- Yellow (79%)
- Blue (90%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.4300, 19.9410, 18.5730 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 219.4300, 19.9410, 18.5730 by changing the saturation by 10% instead.

219.4300, 19.9410,
18.5730

219.4300, 19.9410,
18.5730

255.0000, -0.0000,
-0.0000

191.1310, 19.3450,
18.3610

164.4190, 18.4740,
17.6260

138.0060, 18.1990,
17.1030

112.2940, 17.3280,
16.3680

86.9950, 16.7320,
16.1560

63.3970, 15.5400,
15.7320

40.6850, 14.6690,

14.9970

■ 18.5000, 13.7520,
15.0960

■ 3.4030, 6.2350,
2.6430

■ 219.4300, 19.9410,
18.5730

■ 219.4300, 19.9410,
18.5730

■ 203.5010, 30.3470,
28.2270

■ 235.3590, 9.5350,
8.9190

■ 187.5720, 40.7530,
37.8810

■ 251.2880, -0.8710,
-0.7350

■ 171.6430, 51.1590,
47.5350

■ 253.5050, -2.9800,
-1.0600

■ 155.7140, 61.5650,
57.1890

■ 139.7850, 71.9710,
66.8430

■ 123.8560, 82.3770,
76.4970

■ 107.9270, 92.7830,
86.1510

■ 92.1120, 102.8680,
96.1160

■ 90.8240, 103.7390,
96.8510

Harmonies

Analogous

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



218.4370, 0.8680, 17.3160



219.4300, 19.9410, 18.5730



217.8300, 30.2580, 13.3140

Triad

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



219.4300, 19.9410, 18.5730



213.8920, 17.3790, -12.1010



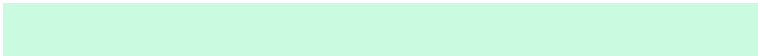
208.2040, -44.7930, -8.7050

Complementary

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



219.4300, 19.9410, 18.5730



232.5700, -19.9410, -18.5730

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.



207.3970, -38.3270, -15.7590



219.4300, 19.9410, 18.5730



211.3780, -1.7850, -17.2170

Square

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



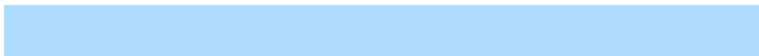
219.4300, 19.9410, 18.5730



216.2900, 31.1780, -3.3660



208.9010, -22.3710, -18.5870



211.4210, -37.7340, 1.0340

Rectangle

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



219.4300, 19.9410, 18.5730



216.9350, 34.1560, 8.7480



208.9010, -22.3710, -18.5870



207.5090, -44.3340, -11.5180

Sweetspot

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



219.4300, 19.9410, 18.5730



245.3970, 6.3720, 5.6680



213.7510, -2.8920, 19.3800



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.



219.4300, 19.9410, 18.5730



217.4030, 24.5710, 22.7710



216.6940, 27.6450, 11.1090



116.6850, 5.5010, 4.9330



68.5950, 78.6180, 73.0340



22.1150, 25.4420, 23.5060

Inverse Universe

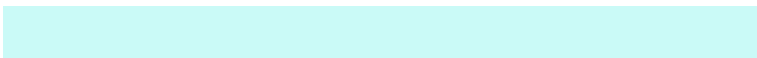
The Inverse Universe completely reimagines the original color for something new.



219.4300, 19.9410, 18.5730



217.4030, 24.5710, 22.7710



235.3060, -27.6450, -11.1090



116.6850, 5.5010, 4.9330



68.5950, 78.6180, 73.0340



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 219.4300, 19.9410, 18.5730 looks on a white background.

Color Contrast Check

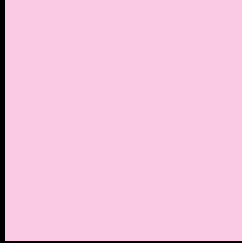
Large Text (above 18pt) WCAG AA × Fail

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 219.4300, 19.9410, 18.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

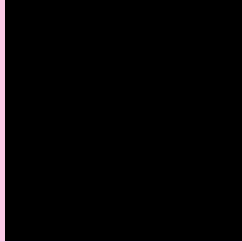
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.4300, 19.9410, 18.5730

Background



This preview shows how black text looks on a background with the YIQ color 219.4300, 19.9410, 18.5730.



This preview shows how white text looks on a background with the YIQ color 219.4300, 19.9410,

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

219.4300, 19.9410, 18.5730

Protanopia

216.3230, -7.9790, 6.9410

Deuteranopia

217.7440, 7.0130, 10.5730



Tritanopia

219.1650, 22.0050, 14.2050

Trichromacy



Original Color

219.4300, 19.9410, 18.5730

Protanomaly

217.5200, 1.8320, 10.8560

Deuteranomaly

218.0760, 12.0100, 13.6260

Tritanomaly

219.0340, 20.9960, 15.9720

Monochromacy



Original Color

219.4300, 19.9410, 18.5730

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.2230, 6.9220, 6.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.4300, 19.9410, 18.5730 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, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(250, 202, 229)  
}
```

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, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 202, 229) }
```

Border

The CSS property to change the border of an element to YIQ 219.4300, 19.9410, 18.5730 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, 202, 229) }
```


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

```
.border{ border-color:rgb(250, 202, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 202, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 202, 229);  
box-shadow:4px 4px 4px 4px rgb(250, 202,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4300, 19.9410, 18.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 202, 229) }
```

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

```
.background{ background-color: rgb(250,  
202, 229) }
```

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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