

Converting Colors

YIQ(217.0210, 13.8430, 18.9550)

Have a look what the booklet for
YIQ(217.0210, 13.8430, 18.9550)
contains.

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Color

**YIQ(217.0210, 13.8430,
18.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C9EA
RGB	242, 201, 234
RGB Percent	95%, 79%, 92%
CMY	0.0509, 0.2118, 0.0823
CMYK	0.00, 0.17, 0.03, 0.05
HSL	312°, 61%, 87%
HSV	312°, 17%, 95%
XYZ	72.3633, 66.5888, 86.8865
YIQ	217.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

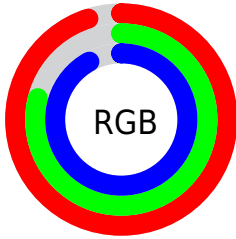
Format	Color
R _Y B	242, 201, 234
Decimal	15911402
CIE Lab	85.30, 19.94, -10.86
CIE LCh	85, 22.704, 331.426
Yxy	66.5888, 0.3204, 0.2949
Android (android.graphics.Color)	4294101482 (0xFFFF2C9EA)
YUV	217.0210, 8.3706, 21.9066
Hunter-Lab	81.6020, 15.4874, -6.0082

Details

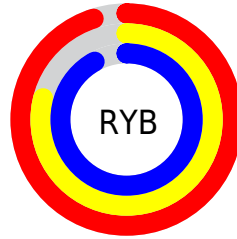
The YIQ color **217.0210, 13.8430, 18.9550** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **225.9790, -13.8430, -18.9550**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **162.1950, 13.2930, 17.9090** is the 20% darker color. If you saturate the color by 10%, you get **202.3630, 22.0480, 29.9520**, and if you desaturate by 10%, it is **231.6790, 5.6380, 7.9580**.

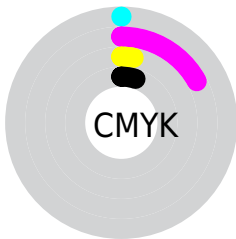
Distribution



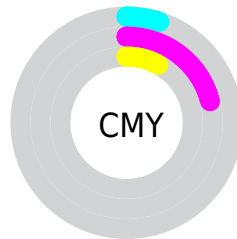
- Red (95%)
- Green (79%)
- Blue (92%)



- Red (95%)
- Yellow (79%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0210, 13.8430, 18.9550 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 217.0210, 13.8430, 18.9550 by changing the saturation by 10% instead.

217.0210, 13.8430,
18.9550

217.0210, 13.8430,
18.9550

255.0000, -0.0000,
-0.0000

189.3090, 12.9720,
18.2200

162.1950, 13.2930,
17.9090

135.5970, 12.1010,
17.4850

110.1840, 11.8260,
16.9620

85.7710, 11.5510,
16.4390

62.0590, 10.6800,
15.7040

39.3470, 9.8090,

14.9690

■ 16.8740, 9.7630,
15.8030

■ 0.7980, -2.2470,
2.1770

■ 217.0210, 13.8430,
18.9550

■ 217.0210, 13.8430,
18.9550

■ 202.3630, 22.0480,
29.9520

■ 231.6790, 5.6380,
7.9580

■ 187.8190, 29.9320,
41.2600

■ 246.2230, -2.2460,
-3.3500

■ 172.5740, 38.4120,
52.7800

■ 250.3150, -5.5010,
-4.9330

■ 157.9160, 46.6170,
63.7770

■ 250.8850, -7.1060,
-3.3780

■ 143.2580, 54.8220,
74.7740

■ 251.1130, -7.7480,
-2.7560

■ 128.7140, 62.7060,
86.0820

■ 114.0560, 70.9110,
97.0790

■ 98.8110, 79.3910,
108.5990

■ 94.5880, 81.6370,
111.9490

Harmonies

Analogous

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



215.1910, -7.2470, 15.7050



217.0210, 13.8430, 18.9550



216.7530, 29.1570, 16.7490

Triad

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



217.0210, 13.8430, 18.9550



212.2950, 23.6140, -9.4580



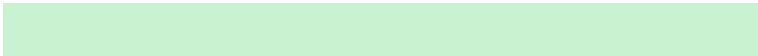
205.2100, -44.9300, -11.7300

Complementary

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



217.0210, 13.8430, 18.9550



225.9790, -13.8430, -18.9550

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.



205.3820, -33.9710, -17.6110



217.0210, 13.8430, 18.9550



209.9120, 5.4590, -16.3410

Square

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



217.0210, 13.8430, 18.9550



214.2520, 34.3410, -0.1150



206.9080, -15.0810, -18.5450



207.5620, -42.6850, -2.8530

Rectangle

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



217.0210, 13.8430, 18.9550



215.6300, 33.6970, 11.5610



206.9080, -15.0810, -18.5450



204.4120, -42.6830, -13.9070

Sweetspot

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



217.0210, 13.8430, 18.9550



247.1410, 4.2170, 6.1770



208.0660, -8.3930, 14.4470



123.0760, 2.8420, 3.5620



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.



217.0210, 13.8430, 18.9550



223.9230, 17.2350, 23.5630



214.7410, 20.2630, 12.7350



112.7280, 3.9420, 5.6540



71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Inverse Universe

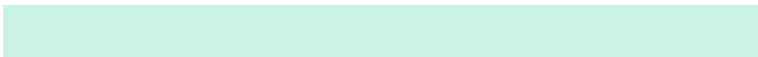
The Inverse Universe completely reimagines the original color for something new.



217.0210, 13.8430, 18.9550



223.9230, 17.2350, 23.5630



228.2590, -20.2630, -12.7350



112.7280, 3.9420, 5.6540



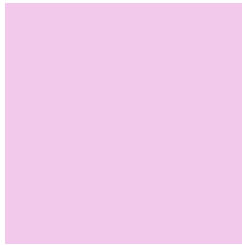
71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Previews

White Background



This preview shows how the YIQ color 217.0210, 13.8430, 18.9550 looks on a white background.

Color Contrast Check

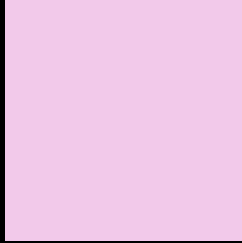
Large Text (above 18pt) WCAG AA × Fail

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 217.0210, 13.8430, 18.9550 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 217.0210, 13.8430, 18.9550

Background



This preview shows how black text looks on a background with the YIQ color 217.0210, 13.8430, 18.9550.



This preview shows how white text looks on a background with the YIQ color 217.0210, 13.8430,

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

217.0210, 13.8430, 18.9550

Protanopia

214.4090, -11.0970, 8.3830

Deuteranopia

215.3460, 2.3820, 11.9020



Tritanopia

215.8870, 16.9160, 12.8200

Trichromacy



Original Color

217.0210, 13.8430, 18.9550

Protanomaly

215.3070, -1.8820, 12.0860

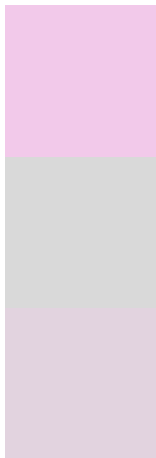
Deuteranomaly

215.9660, 6.5080, 14.2200

Tritanomaly

216.1690, 16.1820, 15.1100

Monochromacy



Original Color

217.0210, 13.8430, 18.9550

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8530, 5.0880, 6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0210, 13.8430, 18.9550 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(242, 201, 234)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 234)  
}
```

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(242, 201, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 234) }
```

Border

The CSS property to change the border of an element to YIQ 217.0210, 13.8430, 18.9550 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(242, 201, 234) }
```


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

```
.border{ border-color:rgb(242, 201, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0210, 13.8430, 18.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 234) }
```

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

```
.background{ background-color: rgb(242,  
201, 234) }
```

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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