

Converting Colors

YIQ(219.8480, 21.8200, 23.0680)

Have a look what the booklet for
YIQ(219.8480, 21.8200, 23.0680)
contains.

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Color

**YIQ(219.8480, 21.8200,
23.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7EB
RGB	255, 199, 235
RGB Percent	100%, 78%, 92%
CMY	0.0000, 0.2197, 0.0784
CMYK	0.00, 0.22, 0.08, 0.00
HSL	321°, 100%, 89%
HSV	321°, 22%, 100%
XYZ	76.6556, 68.0951, 87.7121
YIQ	219.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

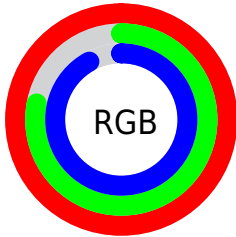
Format	Color
R _Y B	255, 199, 235
Decimal	16762859
CIE Lab	86.05, 25.53, -10.14
CIE LCh	86, 27.465, 338.339
Yxy	68.0951, 0.3298, 0.2929
Android (android.graphics.Color)	4294952939 (0xFFFFC7EB)
YUV	219.8480, 7.4699, 30.8283
Hunter-Lab	82.5197, 21.4056, -5.2568

Details

The YIQ color **219.8480, 21.8200, 23.0680** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **234.1520, -21.8200, -23.0680**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.7230, 20.6740, 21.8100** is the 20% darker color. If you saturate the color by 10%, you get **203.5600, 31.8590, 33.8670**, and if you desaturate by 10%, it is **235.5490, 12.0560, 12.7920**.

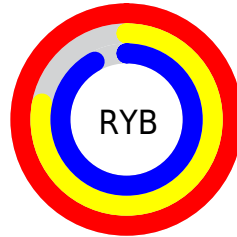
Distribution



Red (100%)

Green (78%)

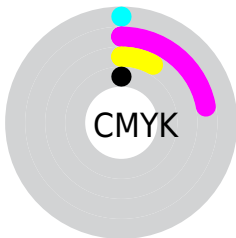
Blue (92%)



Red (100%)

Yellow (78%)

Blue (92%)

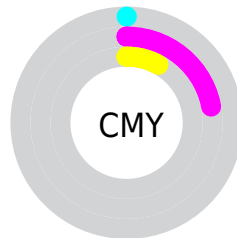


Cyan (0%)

Magenta (22%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.8480, 21.8200, 23.0680 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 219.8480, 21.8200, 23.0680 by changing the saturation by 10% instead.

219.8480, 21.8200,
23.0680

219.8480, 21.8200,
23.0680

255.0000, -0.0000,
-0.0000

191.5490, 21.2240,
22.8560

164.7230, 20.6740,
21.8100

138.0110, 19.8030,
21.0750

112.4130, 18.6110,
20.6510

87.1140, 18.0150,
20.4390

63.4020, 17.1440,
19.7040

39.8040, 15.9520,

19.2800

■ 17.5050, 15.3560,
19.0680

■ 5.9950, 7.5640,
6.0920

■ 219.8480, 21.8200,
23.0680

■ 219.8480, 21.8200,
23.0680

■ 203.5600, 31.8590,
33.8670

■ 235.5490, 12.0560,
12.7920

■ 187.8590, 41.6230,
44.1430

■ 251.8370, 2.0170,
1.9930

■ 171.5710, 51.6620,
54.9420

255.0000, -0.0000,
-0.0000

■ 155.8700, 61.4260,
65.2180

■ 139.5820, 71.4650,
76.0170

■ 123.7670, 81.5500,
85.9820

■ 107.4790, 91.5890,
96.7810

■ 94.9410, 99.3360,
105.0640

Harmonies

Analogous

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



218.4630, -2.0210, 20.1150



219.8480, 21.8200, 23.0680



215.7100, 30.7160, 16.0280

Triad

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



219.8480, 21.8200, 23.0680



213.3610, 23.2480, -13.8400



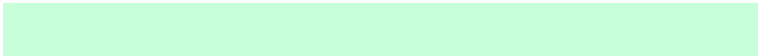
204.4520, -57.3550, -12.3230

Complementary

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



219.8480, 21.8200, 23.0680



234.1520, -21.8200, -23.0680

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.



204.2710, -46.9000, -20.0840



219.8480, 21.8200, 23.0680



209.9390, 0.8290, -20.5390

Square

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



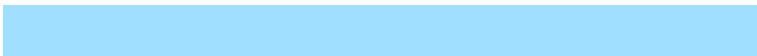
219.8480, 21.8200, 23.0680



215.7100, 38.7430, -2.8010



206.5970, -24.5710, -22.7710



207.8110, -47.8200, -3.4040

Rectangle

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



219.8480, 21.8200, 23.0680



214.3590, 35.8980, 10.2180



206.5970, -24.5710, -22.7710



203.8280, -55.6580, -15.5460

Sweetspot

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



219.8480, 21.8200, 23.0680



243.7500, 6.8760, 7.5480



211.3640, -6.0560, 21.6560



121.0870, 4.3090, 4.5090



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.



219.8480, 21.8200, 23.0680



213.5220, 25.8540, 27.0540



216.6560, 30.8080, 14.3600



119.7990, 5.1800, 5.2440



71.1310, 74.3530, 78.7450



23.8100, 24.9830, 26.3190

Inverse Universe

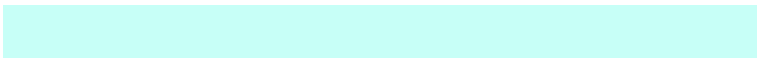
The Inverse Universe completely reimagines the original color for something new.



219.8480, 21.8200, 23.0680



213.5220, 25.8540, 27.0540



237.3440, -30.8080, -14.3600



119.7990, 5.1800, 5.2440



71.1310, 74.3530, 78.7450



23.8100, 24.9830, 26.3190

Previews

White Background



This preview shows how the YIQ color 219.8480, 21.8200, 23.0680 looks on a white background.

Color Contrast Check

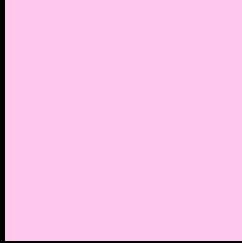
Large Text (above 18pt) WCAG AA × Fail

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 219.8480, 21.8200, 23.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

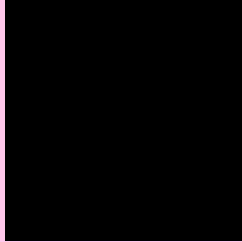
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.8480, 21.8200, 23.0680

Background



This preview shows how black text looks on a background with the YIQ color 219.8480, 21.8200, 23.0680.



This preview shows how white text looks on a background with the YIQ color 219.8480, 21.8200,

23.0680.

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

219.8480, 21.8200, 23.0680

Protanopia

216.5230, -11.4180, 8.6940

Deuteranopia

217.4170, 3.6200, 11.4920



Tritanopia

219.0730, 25.2600, 15.7880

Trichromacy



Original Color

219.8480, 21.8200, 23.0680



Protanomaly

218.0300, 0.4560, 13.7680



Deuteranomaly

218.1730, 10.3590, 16.0150



Tritanomaly

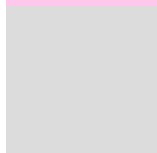
219.4690, 24.2050, 18.3890

Monochromacy



Original Color

219.8480, 21.8200, 23.0680



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.7610, 8.3430, 8.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8480, 21.8200, 23.0680 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, 199, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 235)  
}
```

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, 199, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 235) }
```

Border

The CSS property to change the border of an element to YIQ 219.8480, 21.8200, 23.0680 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, 199, 235) }
```


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

```
.border{ border-color:rgb(255, 199, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8480, 21.8200, 23.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 235) }
```

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

```
.background{ background-color: rgb(255,  
199, 235) }
```

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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