

Converting Colors

YIQ(219.7130, 17.4660, 13.8660)

Have a look what the booklet for
YIQ(219.7130, 17.4660, 13.8660)
contains.

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Color

**YIQ(219.7130, 17.4660,
13.8660)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5CEE0 |
| RGB | 245, 206, 224 |
| RGB Percent | 96%, 81%, 88% |
| CMY | 0.0391, 0.1922, 0.1215 |
| CMYK | 0.00, 0.16, 0.09, 0.04 |
| HSL | 332°, 66%, 88% |
| HSV | 332°, 16%, 96% |
| XYZ | 73.1893, 68.9346, 79.9793 |
| YIQ | 219.7130, 17.4660, 13.8660 |

Conversions

Conversions Part 2

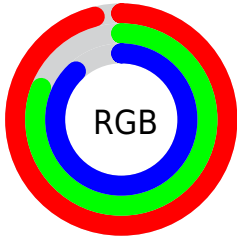
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 245, 206, 224 |
| Decimal | 16109280 |
| CIE _{Lab} | 86.47, 16.60, -3.78 |
| CIE _{LCh} | 86, 17.026, 347.173 |
| Yxy | 68.9346, 0.3295, 0.3104 |
| Android (android.graphics.Color) | 4294299360 (0xFFFF5CEE0) |
| YUV | 219.7130, 2.1135, 22.1767 |
| Hunter-Lab | 83.0268, 12.0531, 1.0051 |

Details

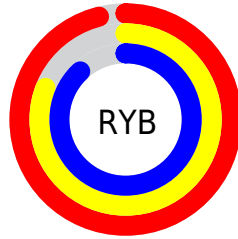
The YIQ color **219.7130, 17.4660, 13.8660** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **231.2870, -17.4660, -13.8660**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.7020, 15.9990, 12.9190** is the 20% darker color. If you saturate the color by 10%, you get **203.5560, 28.5140, 22.8980**, and if you desaturate by 10%, it is **235.2830, 6.6930, 5.3570**.

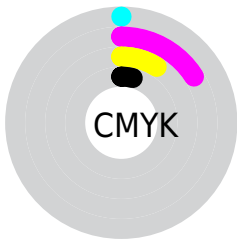
Distribution



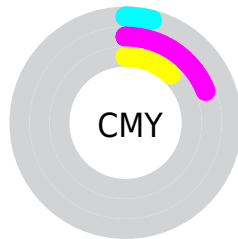
- Red (96%)
- Green (81%)
- Blue (88%)



- Red (96%)
- Yellow (81%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.7130, 17.4660, 13.8660 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 219.7130, 17.4660, 13.8660 by changing the saturation by 10% instead.


 219.7130, 17.4660,
13.8660


 219.7130, 17.4660,
13.8660


255.0000, -0.0000,
-0.0000


 191.4140, 16.8700,
13.6540

 164.7020, 15.9990,
12.9190

 138.2890, 15.7240,
12.3960

 112.4030, 15.4030,
12.7070

 87.6910, 14.5320,
11.9720

 64.0930, 13.3400,
11.5480

 42.2670, 12.7900,

10.5020

■ 20.1960, 11.5520,
10.9120

■ 1.1960, 2.3840,
0.8480

■ 219.7130, 17.4660,
13.8660

■ 219.7130, 17.4660,
13.8660

■ 203.5560, 28.5140,
22.8980

■ 235.2830, 6.6930,
5.3570

■ 187.9860, 39.2870,
31.4070

■ 251.4400, -4.3550,
-3.6750

■ 171.7150, 50.6560,
40.1280

■ 252.0100, -5.9600,
-2.1200

■ 156.1450, 61.4290,
48.6370

■ 139.9880, 72.4770,
57.6690

■ 124.4180, 83.2500,
66.1780

■ 108.2610, 94.2980,
75.2100

■ 92.6910, 105.0710,
83.7190

■ 86.1370, 109.7470,
87.0830

Harmonies

Analogous

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



218.8840, 3.8030, 13.6830



219.7130, 17.4660, 13.8660



219.6830, 26.1780, 10.1620

Triad

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



219.7130, 17.4660, 13.8660



214.6510, 10.8680, -9.7400



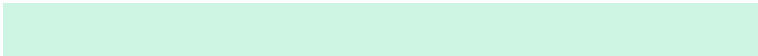
211.6570, -32.8270, -5.2990

Complementary

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



219.7130, 17.4660, 13.8660



231.2870, -17.4660, -13.8660

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.



210.6370, -30.0750, -11.1230



219.7130, 17.4660, 13.8660



213.1160, -3.8030, -13.6830

Square

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



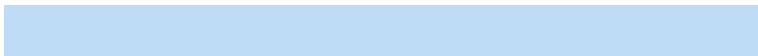
219.7130, 17.4660, 13.8660



216.6850, 22.6960, -3.8320



211.2160, -18.7040, -13.4560



214.4070, -25.9510, 2.2490

Rectangle

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



219.7130, 17.4660, 13.8660



218.8310, 28.5170, 6.3170



211.2160, -18.7040, -13.4560



211.1900, -33.0100, -7.4900

Sweetspot

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



219.7130, 17.4660, 13.8660



246.5710, 5.8220, 4.6220



216.7250, -0.0030, 16.5810



122.7340, 3.8050, 2.6290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

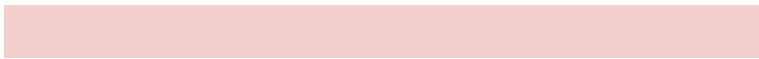
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.7130, 17.4660, 13.8660



223.8600, 21.5460, 17.0180



218.2480, 22.9690, 7.7450



114.2720, 5.2260, 4.4100



65.4180, 83.2500, 66.1780



20.7190, 26.4970, 20.9050

Inverse Universe

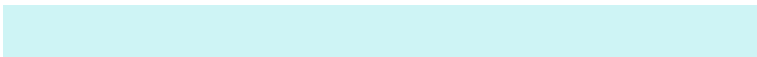
The Inverse Universe completely reimagines the original color for something new.



219.7130, 17.4660, 13.8660



223.8600, 21.5460, 17.0180



232.7520, -22.9690, -7.7450



114.2720, 5.2260, 4.4100



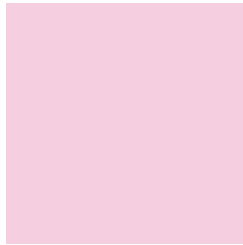
65.4180, 83.2500, 66.1780



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 219.7130, 17.4660, 13.8660 looks on a white background.

Color Contrast Check

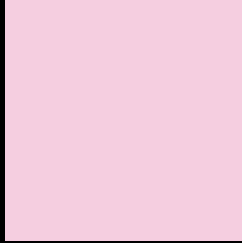
Large Text (above 18pt) WCAG AA × Fail

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 219.7130, 17.4660, 13.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

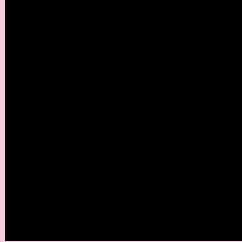
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.7130, 17.4660, 13.8660

Background



This preview shows how black text looks on a background with the YIQ color 219.7130, 17.4660, 13.8660.



This preview shows how white text looks on a background with the YIQ color 219.7130, 17.4660,

13.8660.

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

219.7130, 17.4660, 13.8660

Protanopia

217.3080, -3.6230, 5.0890

Deuteranopia

218.9570, 10.7270, 9.3430



Tritanopia

219.4850, 18.1080, 13.2440

Trichromacy



Original Color

219.7130, 17.4660, 13.8660

Protanomaly

218.3090, 3.8040, 8.1560

Deuteranomaly

219.5660, 13.3860, 10.7140

Tritanomaly

219.5990, 17.7870, 13.5550

Monochromacy



Original Color

219.7130, 17.4660, 13.8660

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.7130, 17.4660, 13.8660 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(245, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 224)  
}
```

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(245, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 224) }
```

Border

The CSS property to change the border of an element to YIQ 219.7130, 17.4660, 13.8660 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(245, 206, 224) }
```


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

```
.border{ border-color:rgb(245, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 206, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 206, 224); box-shadow:4px 4px 4px 4px rgb(245, 206, 224) }
```

Background

The CSS property to change the background color of an element to YIQ 219.7130, 17.4660, 13.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 224) }
```

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

```
.background{ background-color: rgb(245,  
206, 224) }
```

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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