

Converting Colors

YIQ(218.5670, 20.8130, 13.7810)

Have a look what the booklet for
YIQ(218.5670, 20.8130, 13.7810)
contains.

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Color

**YIQ(218.5670, 20.8130,
13.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CCDB
RGB	247, 204, 219
RGB Percent	97%, 80%, 86%
CMY	0.0313, 0.2000, 0.1411
CMYK	0.00, 0.17, 0.11, 0.03
HSL	339°, 73%, 88%
HSV	339°, 17%, 97%
XYZ	72.7450, 68.0719, 76.3354
YIQ	218.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

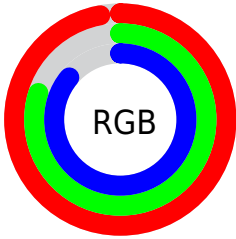
Format	Color
R _Y B	247, 204, 219
Decimal	16239835
CIE Lab	86.04, 17.52, -1.74
CIE LCh	86, 17.608, 354.340
Yxy	68.0719, 0.3350, 0.3135
Android (android.graphics.Color)	4294429915 (0xFFF7CCDB)
YUV	218.5670, 0.2135, 24.9357
Hunter-Lab	82.5057, 12.9978, 2.8980

Details

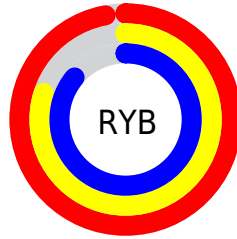
The YIQ color **218.5670, 20.8130, 13.7810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **232.4330, -20.8130, -13.7810**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.5560, 19.3460, 12.8340** is the 20% darker color. If you saturate the color by 10%, you get **202.0680, 32.8240, 21.8800**, and if you desaturate by 10%, it is **235.0660, 8.8020, 5.6820**.

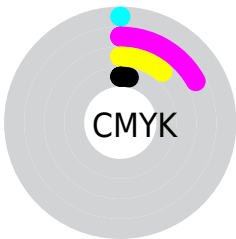
Distribution



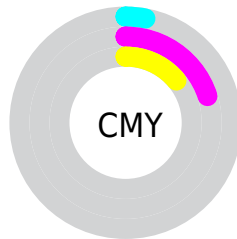
- Red (97%)
- Green (80%)
- Blue (86%)



- Red (97%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 218.5670, 20.8130, 13.7810 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 218.5670, 20.8130, 13.7810 by changing the saturation by 10% instead.


 218.5670, 20.8130,
13.7810


 218.5670, 20.8130,
13.7810


255.0000, -0.0000,
-0.0000


 190.2680, 20.2170,
13.5690

 163.5560, 19.3460,
12.8340

 137.2570, 18.7500,
12.6220

 111.5450, 17.8790,
11.8870

 87.2460, 17.2830,
11.6750

 63.6480, 16.0910,
11.2510

 41.0500, 14.8990,

10.8270

■ 18.8650, 13.9820,
10.9260

■ 0.2990, 0.5960,
0.2120

■ 218.5670, 20.8130,
13.7810

■ 218.5670, 20.8130,
13.7810

■ 202.0680, 32.8240,
21.8800

■ 235.0660, 8.8020,
5.6820

■ 186.1560, 44.5600,
29.4560

■ 250.9780, -2.9340,
-1.8940

■ 169.6570, 56.5710,
37.5550

■ 252.6080, -4.7680,
-1.6960

■ 153.1580, 68.5820,
45.6540

■ 136.6590, 80.5930,
53.7530

■ 120.7470, 92.3290,
61.3290

■ 104.1340,
104.6610, 69.1170

■ 87.6350, 116.6720,
77.2160

■ 83.6570, 119.6060,
79.1100

Harmonies

Analogous

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



218.2650, 7.1040, 14.4320



218.5670, 20.8130, 13.7810



217.8250, 28.6540, 9.3420

Triad

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



218.5670, 20.8130, 13.7810



213.0420, 8.2090, -11.1110



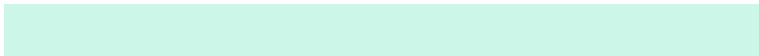
210.8250, -33.2400, -3.3200

Complementary

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



218.5670, 20.8130, 13.7810



232.4330, -20.8130, -13.7810

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.



209.4950, -32.5510, -10.3030



218.5670, 20.8130, 13.7810



211.4360, -7.7000, -14.6440

Square

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



218.5670, 20.8130, 13.7810



215.1470, 21.2750, -5.6130



209.6500, -22.9220, -14.1060



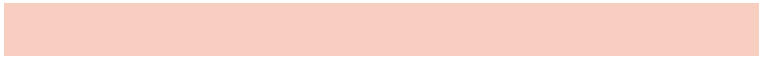
213.9450, -24.5300, 4.0300

Rectangle

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



218.5670, 20.8130, 13.7810



217.0760, 29.2050, 4.8610



209.6500, -22.9220, -14.1060



210.0590, -34.0190, -5.7230

Sweetspot

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



218.5670, 20.8130, 13.7810



246.4570, 6.1430, 4.3110



217.2740, 2.8850, 19.3090



122.7340, 3.8050, 2.6290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

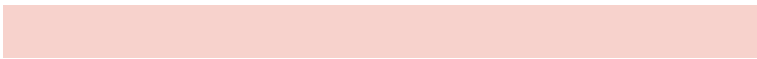
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.5670, 20.8130, 13.7810



219.3120, 26.0850, 17.3570



220.3790, 23.9780, 5.9780



114.0440, 5.8680, 3.7880



63.0240, 89.9910, 59.6470



19.9210, 28.7440, 18.7280

Inverse Universe

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



218.5670, 20.8130, 13.7810



219.3120, 26.0850, 17.3570



230.6210, -23.9780, -5.9780



114.0440, 5.8680, 3.7880



63.0240, 89.9910, 59.6470



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 218.5670, 20.8130, 13.7810 looks on a white background.

Color Contrast Check

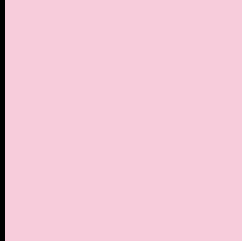
Large Text (above 18pt) WCAG AA × Fail

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 218.5670, 20.8130, 13.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

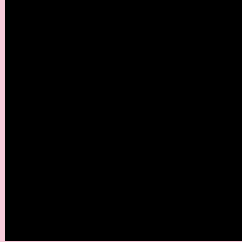
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.5670, 20.8130, 13.7810

Background



This preview shows how black text looks on a background with the YIQ color 218.5670, 20.8130, 13.7810.

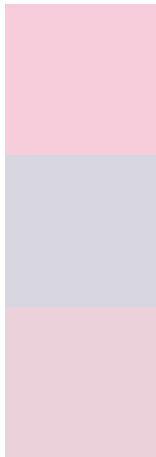


This preview shows how white text looks on a background with the YIQ color 218.5670, 20.8130,

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

218.5670, 20.8130, 13.7810

Protanopia

215.8520, -2.3390, 3.8450

Deuteranopia

217.8000, 12.6070, 8.3110



Tritanopia

218.6810, 20.4920, 14.0920

Trichromacy



Original Color

218.5670, 20.8130, 13.7810

Protanomaly

216.5650, 5.9590, 7.6470

Deuteranomaly

217.8220, 15.5410, 10.2050

Tritanomaly

218.6810, 20.4920, 14.0920

Monochromacy



Original Color

218.5670, 20.8130, 13.7810

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.5670, 20.8130, 13.7810 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(247, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 219)  
}
```

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(247, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 219) }
```

Border

The CSS property to change the border of an element to YIQ 218.5670, 20.8130, 13.7810 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(247, 204, 219) }
```


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

```
.border{ border-color:rgb(247, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 204,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 218.5670, 20.8130, 13.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 219) }
```

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

```
.background{ background-color: rgb(247,  
204, 219) }
```

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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