

Converting Colors

YIQ(214.8610, 19.8050, 10.0210)

Have a look what the booklet for
YIQ(214.8610, 19.8050, 10.0210)
contains.

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Color

**YIQ(214.8610, 19.8050,
10.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CBD2
RGB	240, 203, 210
RGB Percent	94%, 80%, 82%
CMY	0.0587, 0.2040, 0.1764
CMYK	0.00, 0.15, 0.13, 0.06
HSL	349°, 55%, 87%
HSV	349°, 15%, 94%
XYZ	68.9306, 65.8880, 70.0696
YIQ	214.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

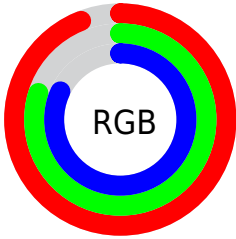
Format	Color
R _Y B	240, 203, 210
Decimal	15780818
CIE Lab	84.94, 14.14, 1.36
CIE LCh	85, 14.205, 5.502
Yxy	65.8880, 0.3364, 0.3216
Android (android.graphics.Color)	4293970898 (0xFFFF0CBD2)
YUV	214.8610, -2.3965, 22.0469
Hunter-Lab	81.1714, 9.5319, 5.6391

Details

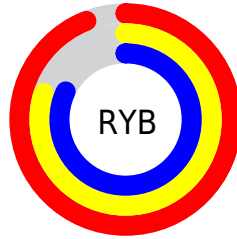
The YIQ color **214.8610, 19.8050, 10.0210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228.1390, -19.8050, -10.0210**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.2630, 18.6130, 9.5970** is the 20% darker color. If you saturate the color by 10%, you get **198.6070, 32.5040, 16.6640**, and if you desaturate by 10%, it is **231.1150, 7.1060, 3.3780**.

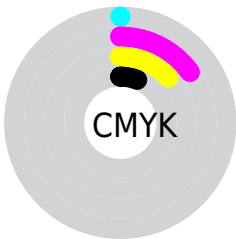
Distribution



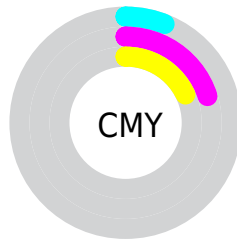
- Red (94%)
- Green (80%)
- Blue (82%)



- Red (94%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.8610, 19.8050, 10.0210 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 214.8610, 19.8050, 10.0210 by changing the saturation by 10% instead.

214.8610, 19.8050,
10.0210

214.8610, 19.8050,
10.0210

255.0000, -0.0000,
-0.0000

187.4480, 19.5300,
9.4980

160.2630, 18.6130,
9.5970

133.9640, 18.0170,
9.3850

108.3660, 16.8250,
8.9610

83.9530, 16.5500,
8.4380

60.4690, 15.0370,
8.3250

38.7570, 14.1660,

7.5900

■ 16.2840, 14.1200,
8.4240

■ 0.0000, 0.0000,
0.0000

■ 214.8610, 19.8050,
10.0210

■ 214.8610, 19.8050,
10.0210

■ 198.6070, 32.5040,
16.6640

■ 231.1150, 7.1060,
3.3780

■ 182.2390, 45.5240,
22.9960

■ 247.4830, -5.9140,
-2.9540

■ 165.9850, 58.2230,
29.6390

■ 250.5150, -8.9400,
-3.1800

■ 149.6170, 71.2430,
35.9710

■ 133.3630, 83.9420,
42.6140

■ 116.9950, 96.9620,
48.9460

■ 100.7410,
109.6610, 55.5890

■ 84.3730, 122.6810,
61.9210

■ 77.0040, 128.2740,
65.1860

Harmonies

Analogous

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



214.5380, 10.5890, 11.8450



214.8610, 19.8050, 10.0210



213.9660, 23.7030, 5.4550

Triad

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



214.8610, 19.8050, 10.0210



209.7470, 1.7900, -10.4180



209.8970, -24.5750, -0.6630

Complementary

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



214.8610, 19.8050, 10.0210



228.1390, -19.8050, -10.0210

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.



207.9520, -26.4080, -5.9920



214.8610, 19.8050, 10.0210



208.5760, -10.9100, -11.5340

Square

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



214.8610, 19.8050, 10.0210



211.7270, 13.7100, -6.1780



207.3560, -21.9140, -10.3460



211.7890, -15.2230, 6.0650

Rectangle

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



214.8610, 19.8050, 10.0210



213.1460, 23.0160, 1.3840



207.3560, -21.9140, -10.3460



209.3590, -25.9960, -2.4440

Sweetspot

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



214.8610, 19.8050, 10.0210



246.2290, 6.7850, 3.6890



216.1880, 6.0030, 17.8670



122.5060, 4.4470, 2.0070



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.



214.8610, 19.8050, 10.0210



222.3780, 25.7190, 12.9750



220.5200, 19.0270, 2.0910



111.8160, 6.5100, 3.1660



59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Inverse Universe

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



214.8610, 19.8050, 10.0210



222.3780, 25.7190, 12.9750



222.4800, -19.0270, -2.0910



111.8160, 6.5100, 3.1660



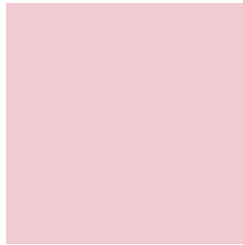
59.0060, 98.4290, 49.8930



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 214.8610, 19.8050, 10.0210 looks on a white background.

Color Contrast Check

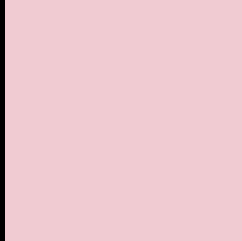
Large Text (above 18pt) WCAG AA × Fail

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 214.8610, 19.8050, 10.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

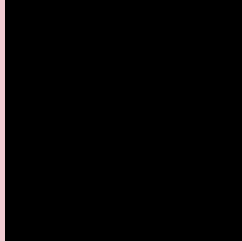
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.8610, 19.8050, 10.0210

Background



This preview shows how black text looks on a background with the YIQ color 214.8610, 19.8050, 10.0210.



This preview shows how white text looks on a background with the YIQ color 214.8610, 19.8050,

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

214.8610, 19.8050, 10.0210

Protanopia

212.6520, 1.1000, 2.0920

Deuteranopia

214.2410, 15.6790, 7.7030



Tritanopia

215.4850, 18.1080, 13.2440

Trichromacy



Original Color

214.8610, 19.8050, 10.0210

Protanomaly

213.3540, 7.9310, 4.9470

Deuteranomaly

214.2520, 17.1460, 8.6500

Tritanomaly

215.1430, 19.0710, 12.3110

Monochromacy



Original Color

214.8610, 19.8050, 10.0210

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.1150, 7.1060, 3.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.8610, 19.8050, 10.0210 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(240, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 210)  
}
```

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(240, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 210) }
```

Border

The CSS property to change the border of an element to YIQ 214.8610, 19.8050, 10.0210 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(240, 203, 210) }
```


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

```
.border{ border-color:rgb(240, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 214.8610, 19.8050, 10.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 210) }
```

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

```
.background{ background-color: rgb(240,  
203, 210) }
```

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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