

Converting Colors

YIQ(210.1830, 4.3990, 13.8950)

Have a look what the booklet for
YIQ(210.1830, 4.3990, 13.8950)
contains.

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Color

**YIQ(210.1830, 4.3990,
13.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC8E5
RGB	223, 200, 229
RGB Percent	87%, 78%, 90%
CMY	0.1254, 0.2157, 0.1020
CMYK	0.03, 0.13, 0.00, 0.10
HSL	288°, 36%, 84%
HSV	288°, 13%, 90%
XYZ	65.2319, 62.6521, 82.7828
YIQ	210.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

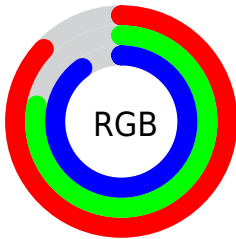
Format	Color
R _Y B	223, 200, 229
Decimal	14665957
CIE Lab	83.26, 13.20, -11.40
CIE LCh	83, 17.442, 319.174
Yxy	62.6521, 0.3096, 0.2974
Android (android.graphics.Color)	4292856037 (0xFFDFC8E5)
YUV	210.1830, 9.2768, 11.2405
Hunter-Lab	79.1531, 8.5881, -6.6017

Details

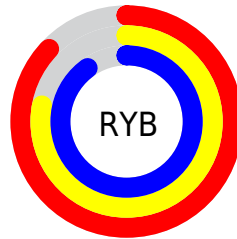
The YIQ color **210.1830, 4.3990, 13.8950** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **218.8170, -4.3990, -13.8950**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **155.7700, 4.1240, 13.3720** is the 20% darker color. If you saturate the color by 10%, you get **195.1870, 7.7440, 24.8640**, and if you desaturate by 10%, it is **225.1790, 1.0540, 2.9260**.

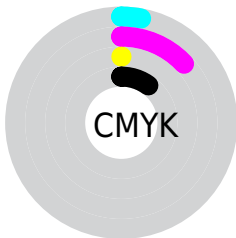
Distribution



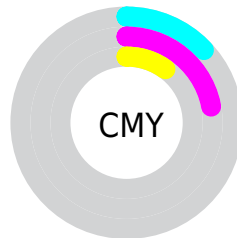
- Red (87%)
- Green (78%)
- Blue (90%)



- Red (87%)
- Yellow (78%)
- Blue (90%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.1830, 4.3990, 13.8950 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 210.1830, 4.3990, 13.8950 by changing the saturation by 10% instead.

■ 210.1830, 4.3990,
13.8950

■ 210.1830, 4.3990,
13.8950

255.0000, -0.0000,
-0.0000

■ 182.7700, 4.1240,
13.3720

■ 155.7700, 4.1240,
13.3720

■ 129.3570, 3.8490,
12.8490

■ 104.2430, 4.1700,
12.5380

■ 80.4170, 3.6200,
11.4920

■ 57.1180, 3.0240,
11.2800

■ 35.5910, 3.0700,

10.4460

■ 12.5420, 4.7660,
12.7500

■ 0.0000, 0.0000,
0.0000

■ 210.1830, 4.3990,
13.8950

■ 210.1830, 4.3990,
13.8950

■ 195.1870, 7.7440,
24.8640

■ 225.1790, 1.0540,
2.9260

■ 180.4900, 11.6850,
36.0450

■ 239.8760, -2.8870,
-8.2550

■ 165.4940, 15.0300,
47.0140

■ 246.6540, -2.3820,
-11.9020

■ 150.4980, 18.3750,
57.9830

■ 248.1490, 0.5980,
-10.8420

135.5020, 21.7200,
68.9520

249.6440, 3.5780,
-9.7820

121.3920, 25.3860,
79.6100

250.8400, 5.9620,
-8.9340

106.3960, 28.7310,
90.5790

252.0360, 8.3460,
-8.0860

91.4000, 32.0760,
101.5480

80.5240, 34.9630,
109.8030

Harmonies

Analogous

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



208.1640, -11.7850, 9.8390



210.1830, 4.3990, 13.8950



210.8980, 18.3830, 13.7670

Triad

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



210.1830, 4.3990, 13.8950



207.3860, 22.1000, -4.0440



201.5660, -31.3130, -10.7130

Complementary

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



210.1830, 4.3990, 13.8950



218.8170, -4.3990, -13.8950

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.



202.3190, -20.4920, -14.0920



210.1830, 4.3990, 13.8950



205.8250, 10.3180, -10.7860

Square

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



210.1830, 4.3990, 13.8950



208.8370, 28.3800, 3.2920



203.6320, -5.3160, -13.7960



202.8850, -33.4690, -4.6770

Rectangle

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



210.1830, 4.3990, 13.8950



210.5520, 25.1690, 11.9290



203.6320, -5.3160, -13.7960



201.4800, -28.1950, -12.1550

Sweetspot

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



210.1830, 4.3990, 13.8950



248.5320, 1.5580, 4.8060



206.8280, -10.9590, 5.8810



123.2930, 0.7330, 3.2370



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.



210.1830, 4.3990, 13.8950



230.3020, 5.6820, 18.1780



211.0650, 10.5430, 12.6790



107.0590, 1.5120, 5.6400



62.8640, 27.1730, 85.7730



17.7740, 7.4690, 24.3410

Inverse Universe

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



209.3550, 15.3580, 8.0140



229.2740, 20.0800, 10.5440



217.9350, -10.5430, -12.6790



106.9300, 6.1890, 3.4770



57.7390, 94.8070, 49.4550



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 210.1830, 4.3990, 13.8950 looks on a white background.

Color Contrast Check

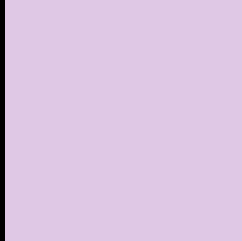
Large Text (above 18pt) WCAG AA × Fail

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 210.1830, 4.3990, 13.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

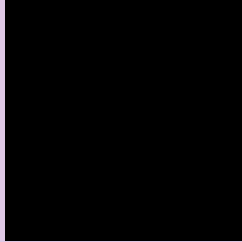
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.1830, 4.3990, 13.8950

Background



This preview shows how black text looks on a background with the YIQ color 210.1830, 4.3990, 13.8950.



This preview shows how white text looks on a background with the YIQ color 210.1830, 4.3990,

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

210.1830, 4.3990, 13.8950

Protanopia

208.4800, -9.8590, 7.9730

Deuteranopia

209.8620, 0.8690, 11.7890



Tritanopia

209.5050, 6.1880, 9.0040

Trichromacy



Original Color

210.1830, 4.3990, 13.8950

Protanomaly

209.2850, -4.8160, 10.1920

Deuteranomaly

209.8730, 2.3360, 12.7360

Tritanomaly

209.6730, 5.7750, 10.9830

Monochromacy



Original Color

210.1830, 4.3990, 13.8950

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.1830, 4.3990, 13.8950 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(223, 200, 229)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 229)  
}
```

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(223, 200, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 229) }
```

Border

The CSS property to change the border of an element to YIQ 210.1830, 4.3990, 13.8950 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(223, 200, 229) }
```


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

```
.border{ border-color:rgb(223, 200, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 229);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 210.1830, 4.3990, 13.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 229) }
```

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

```
.background{ background-color: rgb(223,  
200, 229) }
```

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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