

Converting Colors

YIQ(248.1820, 4.9990, -8.0010)

Have a look what the booklet for
YIQ(248.1820, 4.9990, -8.0010)
contains.

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Color

**YIQ(248.1820, 4.9990,
-8.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FCE5
RGB	248, 252, 229
RGB Percent	97%, 99%, 90%
CMY	0.0275, 0.0117, 0.1019
CMYK	0.02, 0.00, 0.09, 0.01
HSL	70°, 79%, 94%
HSV	70°, 9%, 99%
XYZ	87.6644, 95.2349, 87.8975
YIQ	248.1820, 4.9990, -8.0010

Conversions

Conversions Part 2

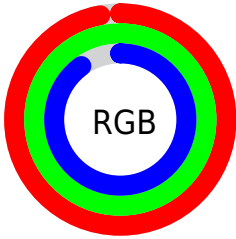
Format	Color
R_{YB}	229, 252, 233
Decimal	16317669
CIE _{Lab}	98.13, -5.22, 10.55
CIE _{LCh}	98, 11.770, 116.351
Yxy	95.2349, 0.3237, 0.3517
Android (android.graphics.Color)	4294507749 (0xFFFF8FCE5)
YUV	248.1820, -9.4567, -0.1596
Hunter-Lab	97.5883, -10.4317, 14.9095

Details

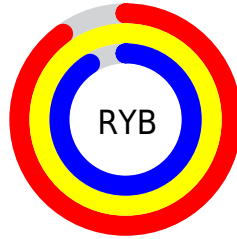
The YIQ color 248.1820, 4.9990, -8.0010 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 232.8180, -4.9990, 8.0010, and the grayscale version is 248.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 191.7090, 4.9530, -7.1670 is the 20% darker color. If you saturate the color by 10%, you get 244.1360, 10.6400, -16.6240, and if you desaturate by 10%, it is 252.2280, -0.6420, 0.6220.

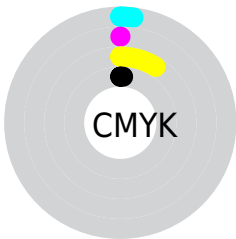
Distribution



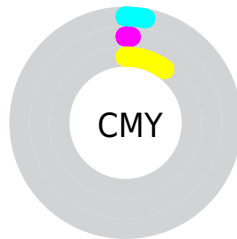
- Red (97%)
- Green (99%)
- Blue (90%)



- Red (90%)
- Yellow (99%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)





- Cyan (3%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 248.1820, 4.9990, -8.0010 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 248.1820, 4.9990, -8.0010 by changing the saturation by 10% instead.


 248.1820, 4.9990,
-8.0010


 248.1820, 4.9990,
-8.0010


255.0000, -0.0000,
-0.0000


 219.2960, 4.6780,
-7.6900

 191.7090, 4.9530,
-7.1670

 164.4100, 4.3570,
-7.3790

 138.4100, 4.3570,
-7.3790

 112.8230, 4.6320,
-6.8560

 88.6380, 3.7150,
-6.7570

 65.0510, 3.9900,

-6.2340

■ 42.8660, 3.0730,
-6.1350

■ 22.0080, 5.5490,
-6.9550

■ 248.1820, 4.9990,
-8.0010

■ 248.1820, 4.9990,
-8.0010

■ 244.1360, 10.6400,
-16.6240

■ 252.2280, -0.6420,
0.6220

■ 239.7910, 15.6850,
-25.4590

■ 253.2390, 0.8250,
1.5690

■ 235.6310, 21.6470,
-34.3930

■ 231.2860, 26.6920,
-43.2280

■ 227.2400, 32.3330,
-51.8510

■ 223.1940, 37.9740,
-60.4740

■ 218.8490, 43.0190,
-69.3090

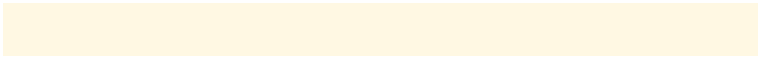
■ 214.6890, 48.9810,
-78.2430

■ 210.3440, 54.0260,
-87.0780

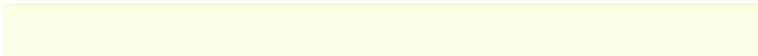
Harmonies

Analogous

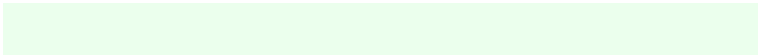
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.6990, 10.9130, -5.0470



248.1820, 4.9990, -8.0010



246.9680, -6.1420, -9.8380

Triad

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



248.1820, 4.9990, -8.0010



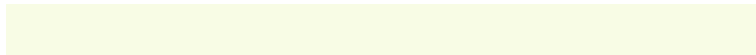
245.4430, -17.6050, -5.8370



246.9130, 4.8590, 5.5550

Complementary

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



248.1820, 4.9990, -8.0010



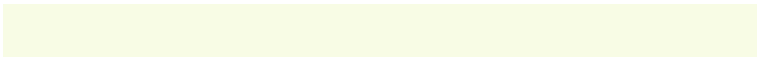
232.8180, -4.9990, 8.0010

Split Complementary

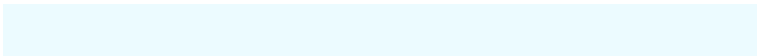
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.0250, 5.7530



248.1820, 4.9990, -8.0010



246.9710, -10.2240, -1.9360

Square

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



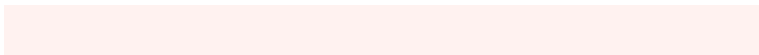
248.1820, 4.9990, -8.0010



244.8340, -20.2640, -7.2080



248.8090, -0.7800, 3.1240



245.6590, 8.3900, 2.1340

Rectangle

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



248.1820, 4.9990, -8.0010



245.6730, -12.5610, -9.1450



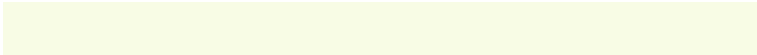
248.8090, -0.7800, 3.1240



247.3690, 3.5750, 6.7990

Sweetspot

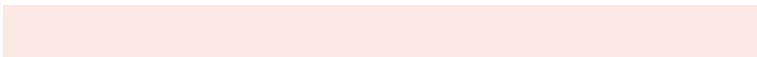
The Sweet Spot groups the original color and five complimentary colors.



248.1820, 4.9990, -8.0010



253.7890, 1.9720, -2.7000



238.2250, 12.6080, 2.7840



127.0170, 1.3300, -2.0780



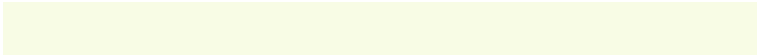
0.0000, 0.0000, 0.0000



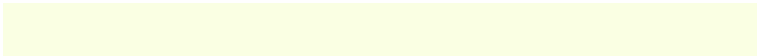
128.0000, -0.0000, -0.0000

Same Dimension

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



248.1820, 4.9990, -8.0010



250.3130, 6.0080, -9.7680



244.8930, -1.5570, -10.3330



122.9200, 2.9810, -4.4670



157.5870, 41.0010, -65.7750



51.0560, 13.6210, -21.0910

Inverse Universe

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



232.8180, -4.9990, 8.0010



231.6870, -6.0080, 9.7680



236.1070, 1.5570, 10.3330



114.3790, -2.3850, 4.6790



31.4130, -41.0010, 65.7750



10.2430, -13.0250, 21.3030

Previews

White Background



This preview shows how the YIQ color 248.1820, 4.9990, -8.0010 looks on a white background.

Color Contrast Check

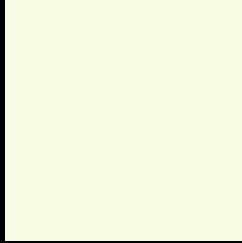
Large Text (above 18pt) WCAG AA × Fail

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 248.1820, 4.9990, -8.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

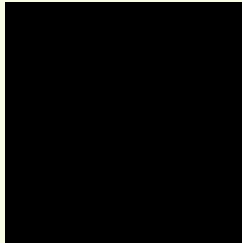
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

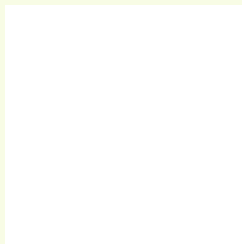
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.1820, 4.9990, -8.0010

Background



This preview shows how black text looks on a background with the YIQ color 248.1820, 4.9990, -8.0010.



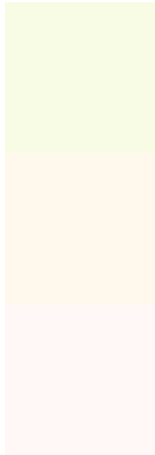
This preview shows how white text looks on a background with the YIQ color 248.1820, 4.9990, -8.0010.

-8.010.

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

248.1820, 4.9990, -8.0010

Protanopia

249.4260, 7.4280, -2.4600

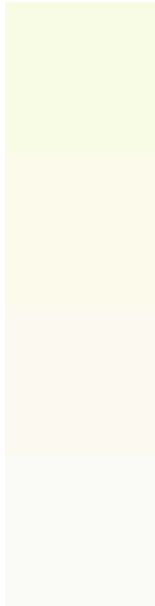
Deuteranopia

249.9790, 4.4930, 1.1730

Tritanopia

250.2820, -0.7340, 2.2900

Trichromacy



Original Color

248.1820, 4.9990, -8.0010

Protanomaly

248.7740, 6.3280, -4.5520

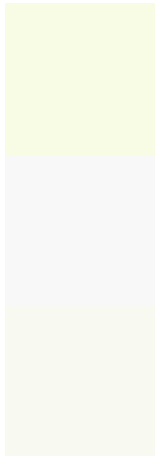
Deuteranomaly

248.8710, 4.6770, -2.1630

Tritanomaly

249.5440, 1.2840, -1.2440

Monochromacy



Original Color

248.1820, 4.9990, -8.0010

Achromatopsia

248.0000, -0.0000, -0.0000

Achromatomaly

247.7890, 1.9720, -2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.1820, 4.9990, -8.0010 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(248, 252, 229)` looks like.

```
.text, #text, p{  
    color:rgb(248, 252, 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(248, 252, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 252, 229) }
```

Border

The CSS property to change the border of an element to YIQ 248.1820, 4.9990, -8.0010 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(248, 252, 229) }
```


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

```
.border{ border-color:rgb(248, 252, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 252, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 252, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 252, 229);  
box-shadow:4px 4px 4px 4px rgb(248, 252,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 248.1820, 4.9990, -8.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 252, 229) }
```

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

```
.background{ background-color: rgb(248,  
252, 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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