

Converting Colors

YIQ(248.8310, 2.1540, 5.0180)

Have a look what the booklet for
YIQ(248.8310, 2.1540, 5.0180)
contains.

YIQ(248.8310, 2.1540, 5.0180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(248.8310, 2.1540,
5.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF5FF
RGB	254, 245, 255
RGB Percent	100%, 96%, 100%
CMY	0.0039, 0.0392, 0.0000
CMYK	0.00, 0.04, 0.00, 0.00
HSL	294°, 100%, 98%
HSV	294°, 4%, 100%
XYZ	91.5769, 93.5947, 107.8467
YIQ	248.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 245, 255
Decimal	16709119
CIE _{Lab}	97.47, 4.75, -3.73
CIE _{LCh}	97, 6.040, 321.880
Y _{xy}	93.5947, 0.3125, 0.3194
Android (android.graphics.Color)	4294899199 (0xFFFEF5FF)
Y _{UV}	248.8310, 3.0413, 4.5332
Hunter-Lab	96.7444, -0.3369, 1.6269

Details

The YIQ color 248.8310, 2.1540, 5.0180 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.1690, -2.1540, -5.0180, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.4180, 1.8790, 4.4950 is the 20% darker color. If you saturate the color by 10%, you get 233.2590, 7.2410, 17.4570, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



- Red (100%)
- Green (96%)
- Blue (100%)



- Red (100%)
- Yellow (96%)
- Blue (100%)



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





- Cyan (0%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 248.8310, 2.1540, 5.0180 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 248.8310, 2.1540, 5.0180 by changing the saturation by 10% instead.


 248.8310, 2.1540,
5.0180


 248.8310, 2.1540,
5.0180


255.0000, -0.0000,
-0.0000


 220.4180, 1.8790,
4.4950

 192.4180, 1.8790,
4.4950

 165.4180, 1.8790,
4.4950

 139.4180, 1.8790,
4.4950

 113.4180, 1.8790,
4.4950

 89.0050, 1.6040,
3.9720

 66.0050, 1.6040,

3.9720

■ 43.5920, 1.3290,
3.4490

■ 23.4780, 1.6500,
3.1380

■ 248.8310, 2.1540,
5.0180

■ 248.8310, 2.1540,
5.0180

■ 233.2590, 7.2410,
17.4570

255.0000, -0.0000,
-0.0000

■ 217.3990, 13.1990,
30.6310

■ 201.8270, 18.2860,
43.0700

■ 185.9670, 24.2440,
56.2440

■ 170.3950, 29.3310,
68.6830

■ 154.5350, 35.2890,
81.8570

■ 138.9630, 40.3760,
94.2960

■ 123.1030, 46.3340,
107.4700

■ 107.5310, 51.4210,
119.9090

Harmonies

Analogous

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



247.9120, -2.5680, 2.4880



248.8310, 2.1540, 5.0180



247.9730, 4.6300, 4.1980

Triad

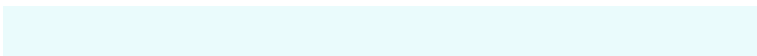
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.8310, 2.1540, 5.0180



248.1380, 8.2990, -1.7250



246.0310, -10.4530, -3.2930

Complementary

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



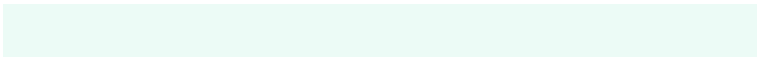
248.8310, 2.1540, 5.0180



251.1690, -2.1540, -5.0180

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.



245.9450, -7.3350, -4.7350



248.8310, 2.1540, 5.0180



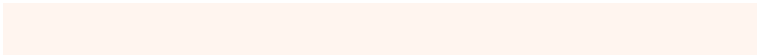
247.3330, 3.2560, -3.9440

Square

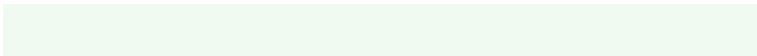
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



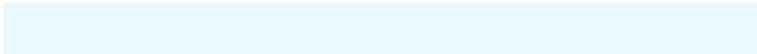
248.8310, 2.1540, 5.0180



247.3060, 7.8860, 0.2540



246.1690, -2.1540, -5.0180



246.0850, -10.5450, -1.6250

Rectangle

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



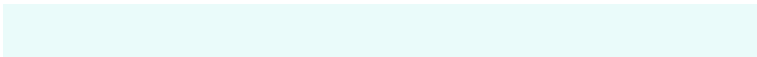
248.8310, 2.1540, 5.0180



247.4030, 6.2350, 2.6430



246.1690, -2.1540, -5.0180



245.8030, -9.8110, -3.9150

Sweetspot

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



248.8310, 2.1540, 5.0180



253.2390, 0.8250, 1.5690



246.7270, -3.4850, 2.5870



126.5270, -0.0460, 0.8340



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.



248.8310, 2.1540, 5.0180



247.0700, 2.9790, 6.5870



248.6740, 4.0340, 3.9860



123.0050, 1.6040, 3.9720



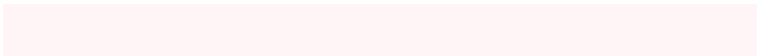
73.2020, 41.2010, 95.8650



24.3390, 13.4280, 31.9880

Inverse Universe

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



248.1040, 5.6390, 2.4310



246.1150, 7.1060, 3.3780



251.3260, -4.0340, -3.9860



122.5060, 4.4470, 2.0070



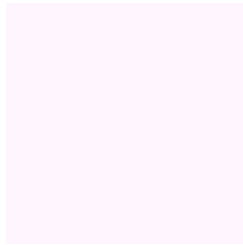
59.2750, 107.7370, 46.4010



19.8200, 36.2180, 15.4340

Previews

White Background



This preview shows how the YIQ color 248.8310, 2.1540, 5.0180 looks on a white background.

Color Contrast Check

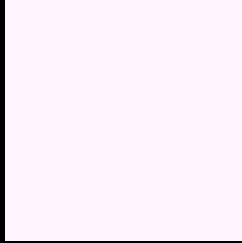
Large Text (above 18pt) WCAG AA × Fail

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 248.8310, 2.1540, 5.0180 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 248.8310, 2.1540, 5.0180

Background



This preview shows how black text looks on a background with the YIQ color 248.8310, 2.1540, 5.0180.

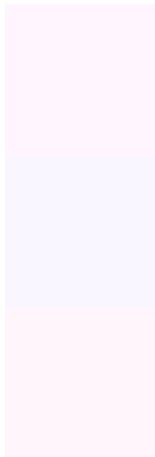


This preview shows how white text looks on a background with the YIQ color 248.8310, 2.1540,

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

248.8310, 2.1540, 5.0180

Protanopia

247.9230, -1.1010, 3.4350

Deuteranopia

248.6740, 4.0340, 3.9860

Tritanopia

248.5210, 0.0910, 3.8590

Trichromacy



Original Color

248.8310, 2.1540, 5.0180

Protanomaly

248.5210, 0.0910, 3.8590

Deuteranomaly

248.7880, 3.7130, 4.2970

Tritanomaly

248.8200, 0.6870, 4.0710

Monochromacy



Original Color

248.8310, 2.1540, 5.0180

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

249.2390, 0.8250, 1.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.8310, 2.1540, 5.0180 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(254, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 255)  
}
```

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(254, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 255) }
```

Border

The CSS property to change the border of an element to YIQ 248.8310, 2.1540, 5.0180 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(254, 245, 255) }
```


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

```
.border{ border-color:rgb(254, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 248.8310, 2.1540, 5.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 255) }
```

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

```
.background{ background-color: rgb(254,  
245, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor