

Converting Colors

YIQ(251.1310, 1.0090, -1.7670)

Have a look what the booklet for
YIQ(251.1310, 1.0090, -1.7670)
contains.

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Color

**YIQ(251.1310, 1.0090,
-1.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFCF7
RGB	251, 252, 247
RGB Percent	98%, 99%, 97%
CMY	0.0157, 0.0117, 0.0314
CMYK	0.00, 0.00, 0.02, 0.01
HSL	72°, 45%, 98%
HSV	72°, 2%, 99%
XYZ	91.3825, 96.8456, 101.8740
YIQ	251.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

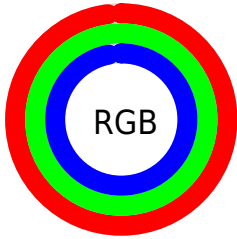
Format	Color
R _Y B	247, 252, 248
Decimal	16514295
CIE Lab	98.77, -1.20, 2.26
CIE LCh	99, 2.559, 117.882
Yxy	96.8456, 0.3150, 0.3338
Android (android.graphics.Color)	4294704375 (0xFFFBFCF7)
YUV	251.1310, -2.0366, -0.1149
Hunter-Lab	98.4101, -6.4647, 7.5102

Details

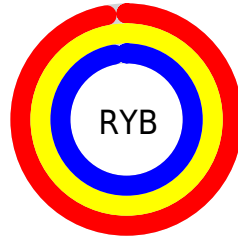
The YIQ color 251.1310, 1.0090, -1.7670 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247.8690, -1.0090, 1.7670, and the grayscale version is 251.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.5440, 1.2840, -1.2440 is the 20% darker color. If you saturate the color by 10%, you get 246.7860, 6.0540, -10.6020, and if you desaturate by 10%, it is 253.2390, 0.8250, 1.5690.

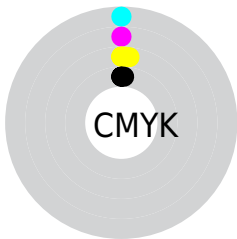
Distribution



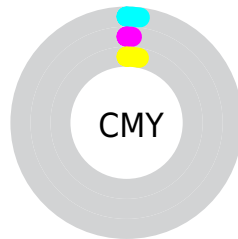
- Red (98%)
- Green (99%)
- Blue (97%)



- Red (97%)
- Yellow (99%)
- Blue (97%)



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





- Cyan (2%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 251.1310, 1.0090, -1.7670 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 251.1310, 1.0090, -1.7670 by changing the saturation by 10% instead.

 251.1310, 1.0090,
-1.7670


 251.1310, 1.0090,
-1.7670

255.0000, -0.0000,
-0.0000


 222.2450, 0.6880,
-1.4560

 194.5440, 1.2840,
-1.2440

 167.2450, 0.6880,
-1.4560

 141.1310, 1.0090,
-1.7670

 115.2450, 0.6880,
-1.4560

 91.2450, 0.6880,
-1.4560

 67.2450, 0.6880,

-1.4560

■ 45.2450, 0.6880,
-1.4560

■ 24.6580, 0.9630,
-0.9330

■ 251.1310, 1.0090,
-1.7670

■ 251.1310, 1.0090,
-1.7670

■ 246.7860, 6.0540,
-10.6020

■ 253.2390, 0.8250,
1.5690

■ 242.4410, 11.0990,
-19.4370

■ 237.9820, 16.4650,
-28.5830

■ 233.6370, 21.5100,
-37.4180

■ 229.2920, 26.5550,
-46.2530

■ 224.9470, 31.6000,
-55.0880

■ 220.6020, 36.6450,
-63.9230

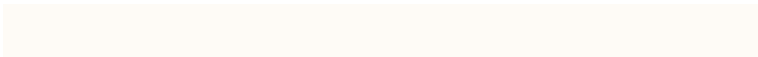
■ 215.8440, 41.4150,
-73.2810

■ 211.4990, 46.4600,
-82.1160

Harmonies

Analogous

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



251.3270, 3.3930, -0.9190



251.1310, 1.0090, -1.7670



251.0490, -1.6960, -2.3040

Triad

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



251.1310, 1.0090, -1.7670



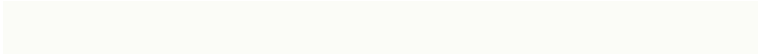
250.8470, -3.9430, -0.1270



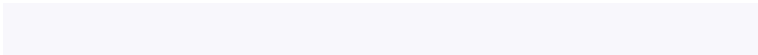
251.7230, 2.3380, 1.6820

Complementary

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



251.1310, 1.0090, -1.7670



247.8690, -1.0090, 1.7670

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.



251.9510, 1.6960, 2.3040



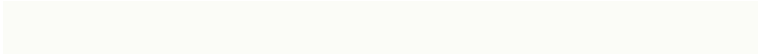
251.1310, 1.0090, -1.7670



251.4450, -2.7510, 0.2970

Square

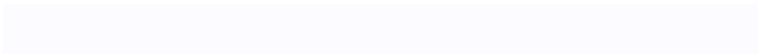
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



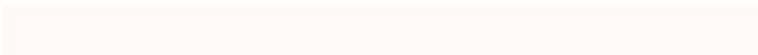
251.1310, 1.0090, -1.7670



251.0210, -4.4930, -1.1730



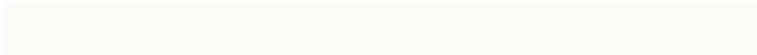
251.7550, -0.6880, 1.4560



251.3810, 3.3010, 0.7490

Rectangle

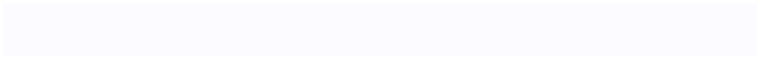
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251.1310, 1.0090, -1.7670



250.8640, -2.6130, -2.2050



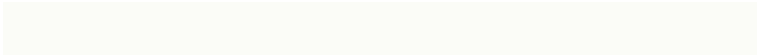
251.7550, -0.6880, 1.4560



251.8370, 2.0170, 1.9930

Sweetspot

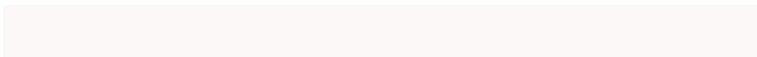
The Sweet Spot groups the original color and five complimentary colors.



251.1310, 1.0090, -1.7670



254.3590, 0.3670, -1.1450



249.0820, 2.7050, 0.5370



127.4730, 0.0460, -0.8340



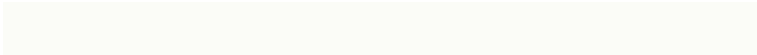
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



251.1310, 1.0090, -1.7670



254.1310, 1.0090, -1.7670



250.5330, -0.1830, -2.1910



124.3590, 0.3670, -1.1450



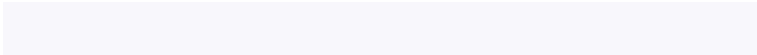
156.0920, 38.0210, -66.8350



50.4580, 12.4290, -21.5150

Inverse Universe

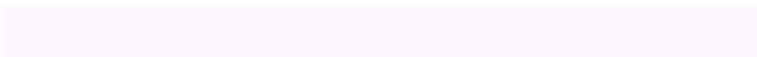
The Inverse Universe completely reimagines the original color for something new.



247.8690, -1.0090, 1.7670



250.8690, -1.0090, 1.7670



248.7660, 0.7790, 2.4030



122.6410, -0.3670, 1.1450



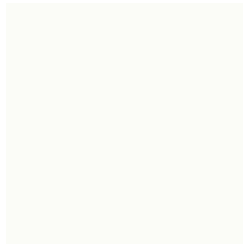
32.9080, -38.0210, 66.8350



10.5420, -12.4290, 21.5150

Previews

White Background



This preview shows how the YIQ color 251.1310, 1.0090, -1.7670 looks on a white background.

Color Contrast Check

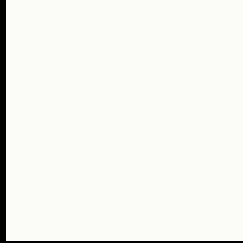
Large Text (above 18pt) WCAG AA × Fail

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 251.1310, 1.0090, -1.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

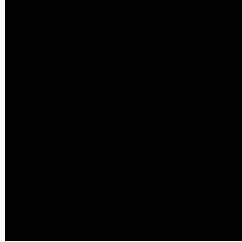
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 251.1310, 1.0090, -1.7670

Background



This preview shows how black text looks on a background with the YIQ color 251.1310, 1.0090, -1.7670.



This preview shows how white text looks on a background with the YIQ color 251.1310, 1.0090, -1.7670.

-1.7770.

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

251.1310, 1.0090, -1.7670

Protanopia

251.8540, 3.3470, -0.0850

Deuteranopia

251.6090, 2.6590, 1.3710

Tritanopia

251.7550, -0.6880, 1.4560

Trichromacy

Original Color

251.1310, 1.0090, -1.7670

Protanomaly

251.5550, 2.7510, -0.2970

Deuteranomaly

251.7830, 2.1090, 0.3250

Tritanomaly

251.4130, 0.2750, 0.5230

Monochromacy

Original Color

251.1310, 1.0090, -1.7670

Achromatopsia

251.0000, 0.0000, -0.0000

Achromatomaly

250.8860, 0.3210, -0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 251.1310, 1.0090, -1.7670 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(251, 252, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 247)  
}
```

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(251, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 247) }
```

Border

The CSS property to change the border of an element to YIQ 251.1310, 1.0090, -1.7670 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(251, 252, 247) }
```


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

```
.border{ border-color:rgb(251, 252, 247) }
```

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

Here you see how a box with a 4 pixel rgb(251, 252, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 251.1310, 1.0090, -1.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 247) }
```

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

```
.background{ background-color: rgb(251,  
252, 247) }
```

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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