

# Converting Colors

YIQ(251.6750, 2.2930, -3.0110)

Have a look what the booklet for  
YIQ(251.6750, 2.2930, -3.0110)  
contains.

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# Color

**YIQ(251.6750, 2.2930,  
-3.0110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFDF4
RGB	252, 253, 244
RGB Percent	99%, 99%, 96%
CMY	0.0118, 0.0078, 0.0431
CMYK	0.00, 0.00, 0.04, 0.01
HSL	67°, 69%, 97%
HSV	67°, 4%, 99%
XYZ	91.5993, 97.4778, 99.5785
YIQ	251.6750, 2.2930, -3.0110

# Conversions

## Conversions Part 2

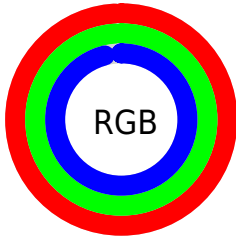
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 253, 245
Decimal	16580084
CIE Lab	99.02, -1.88, 4.17
CIE LCh	99, 4.576, 114.267
Yxy	97.4778, 0.3173, 0.3377
Android (android.graphics.Color)	4294770164 (0xFFFCDF4)
YUV	251.6750, -3.7838, 0.2850
Hunter-Lab	98.7308, -7.1724, 9.3125

# Details

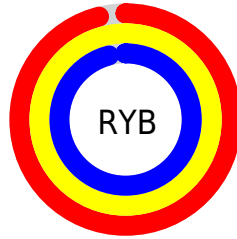
The YIQ color 251.6750, 2.2930, -3.0110 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245.3250, -2.2930, 3.0110, and the grayscale version is 252.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.7890, 1.9720, -2.7000 is the 20% darker color. If you saturate the color by 10%, you get 247.9280, 8.5300, -11.4220, and if you desaturate by 10%, it is 253.8260, 0.5500, 1.0460.

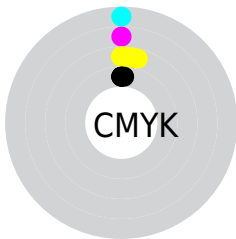
# Distribution



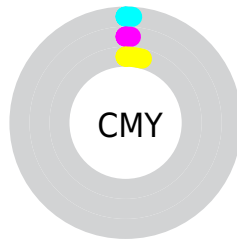
- Red (99%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 251.6750, 2.2930, -3.0110 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 251.6750, 2.2930, -3.0110 by changing the saturation by 10% instead.





 251.6750, 2.2930,  
-3.0110


 251.6750, 2.2930,  
-3.0110


255.0000, -0.0000,  
-0.0000


 222.7890, 1.9720,  
-2.7000

 194.7890, 1.9720,  
-2.7000

 167.7890, 1.9720,  
-2.7000

 141.7890, 1.9720,  
-2.7000

 115.7890, 1.9720,  
-2.7000

 91.7890, 1.9720,  
-2.7000

 67.9030, 1.6510,

-2.3890

■ 45.9030, 1.6510,  
-2.3890

■ 25.0170, 1.3300,  
-2.0780

■ 251.6750, 2.2930,  
-3.0110

■ 251.6750, 2.2930,  
-3.0110

■ 247.9280, 8.5300,  
-11.4220

■ 253.8260, 0.5500,  
1.0460

■ 244.0670, 15.0880,  
-20.1440

■ 240.6190, 21.9210,  
-28.3430

■ 236.8720, 28.1580,  
-36.7540

■ 233.1250, 34.3950,  
-45.1650

■ 229.2640, 40.9530,  
-53.8870

■ 225.5170, 47.1900,  
-62.2980

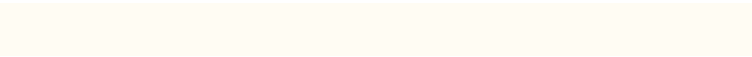
■ 221.7700, 53.4270,  
-70.7090

■ 218.2080, 60.5810,  
-79.2190

# Harmonies

## Analogous

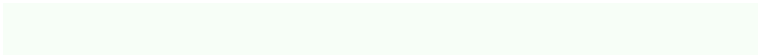
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251.8710, 4.6770, -2.1630



251.6750, 2.2930, -3.0110



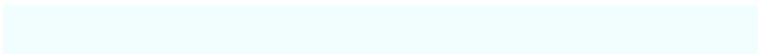
251.1090, -1.9250, -3.6610

# Triad

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



251.6750, 2.2930, -3.0110



250.8250, -6.8770, -2.0210



251.2500, 2.2920, 2.5160

# Complementary

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



251.6750, 2.2930, -3.0110



245.3250, -2.2930, 3.0110

# Split Complementary

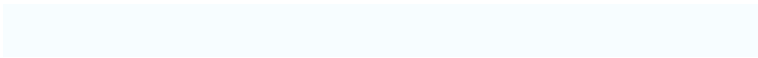
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252.0650, 1.3750, 2.6150



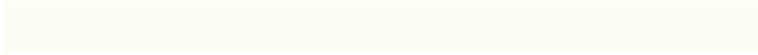
251.6750, 2.2930, -3.0110



251.4340, -4.2180, -0.6500

# Square

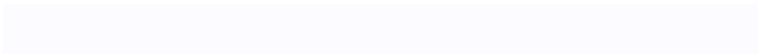
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251.6750, 2.2930, -3.0110



251.1130, -7.7480, -2.7560



251.7550, -0.6880, 1.4560



250.7940, 3.5760, 1.2720



# Rectangle

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



251.6750, 2.2930, -3.0110



251.1410, -4.9510, -3.8870



251.7550, -0.6880, 1.4560



251.4780, 1.6500, 3.1380

# Sweetspot

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



251.6750, 2.2930, -3.0110



254.6580, 0.9630, -0.9330



247.2780, 5.0890, 1.3850



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.



251.6750, 2.2930, -3.0110



253.5610, 2.6140, -3.3220



250.4790, -0.0910, -3.8590



126.9030, 1.6510, -2.3890



162.9470, 48.7950, -63.8530



54.6110, 16.3720, -21.3880



# Inverse Universe

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



245.3250, -2.2930, 3.0110



246.4390, -2.6140, 3.3220



246.5210, 0.0910, 3.8590



122.0970, -1.6510, 2.3890



28.0530, -48.7950, 63.8530

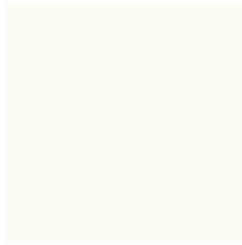


9.3890, -16.3720, 21.3880



# Previews

## White Background



This preview shows how the YIQ color 251.6750, 2.2930, -3.0110 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

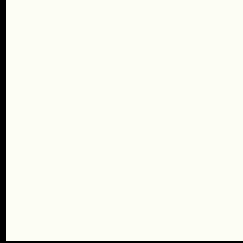
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 251.6750, 2.2930, -3.0110 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

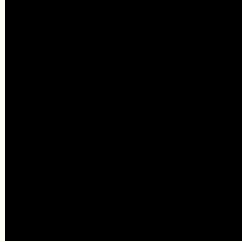
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 251.6750, 2.2930, -3.0110**

## **Background**



This preview shows how black text looks on a background with the YIQ color 251.6750, 2.2930, -3.0110.



This preview shows how white text looks on a background with the YIQ color 251.6750, 2.2930, -3.0110.

-3.0 10.

# 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

251.6750, 2.2930, -3.0110

### Protanopia

252.4410, 3.0720, -0.6080

### Deuteranopia

252.3100, 2.0630, 1.1590

## **Tritanopia**

252.6410, -0.3670, 1.1450

# Trichromacy

## Original Color

251.6750, 2.2930, -3.0110

## Protanomaly

252.0280, 2.7970, -1.1310

## Deuteranomaly

252.2560, 2.1550, -0.5090

## Tritanomaly

252.1850, 0.9170, -0.0990

# Monochromacy

## Original Color

251.6750, 2.2930, -3.0110

## Achromatopsia

252.0000, 0.0000, 0.0000

## Achromatomaly

251.6580, 0.9630, -0.9330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 251.6750, 2.2930, -3.0110 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(252, 253, 244)` looks like.

```
.text, #text, p{  
    color:rgb(252, 253, 244)  
}
```

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(252, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 253, 244) }
```

## Border

The CSS property to change the border of an element to YIQ 251.6750, 2.2930, -3.0110 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(252, 253, 244) }
```



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

```
.border{ border-color:rgb(252, 253, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 253, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 253, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 253, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 253,  
244) }
```

# Background

The CSS property to change the background color of an element to YIQ 251.6750, 2.2930, -3.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 253, 244) }
```

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

```
.background{ background-color: rgb(252,  
253, 244) }
```

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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