

# Converting Colors

YIQ(253.0880, 2.5680, -2.4880)

Have a look what the booklet for  
YIQ(253.0880, 2.5680, -2.4880)  
contains.

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# Color

**YIQ(253.0880, 2.5680,  
-2.4880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFEF6
RGB	254, 254, 246
RGB Percent	100%, 100%, 96%
CMY	0.0039, 0.0039, 0.0353
CMYK	0.00, 0.00, 0.03, 0.00
HSL	60°, 80%, 98%
HSV	60°, 3%, 100%
XYZ	92.9496, 98.6083, 101.3265
YIQ	253.0880, 2.5680, -2.4880

# Conversions

## Conversions Part 2

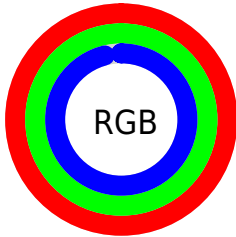
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 254, 246
Decimal	16711414
CIE <sub>Lab</sub>	99.46, -1.37, 3.81
CIE <sub>LCh</sub>	99, 4.047, 109.862
Yxy	98.6083, 0.3174, 0.3367
Android (android.graphics.Color)	4294901494 (0xFFFEFEF6)
YUV	253.0880, -3.4944, 0.7998
Hunter-Lab	99.3017, -6.6962, 9.0123

# Details

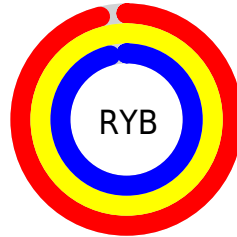
The YIQ color 253.0880, 2.5680, -2.4880 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246.9120, -2.5680, 2.4880, and the grayscale version is 253.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 196.2020, 2.2470, -2.1770 is the 20% darker color. If you saturate the color by 10%, you get 250.2380, 10.5930, -10.2630, and if you desaturate by 10%, it is 254.1140, -0.3210, 0.3110.

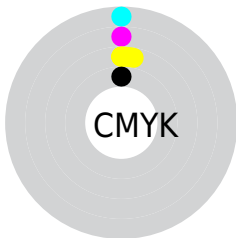
# Distribution



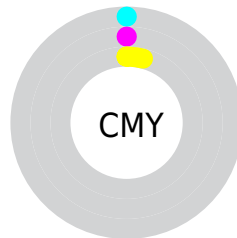
- Red (100%)
- Green (100%)
- Blue (96%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the YIQ color 253.0880, 2.5680, -2.4880 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 253.0880, 2.5680, -2.4880 by changing the saturation by 10% instead.





 253.0880, 2.5680,  
-2.4880


 253.0880, 2.5680,  
-2.4880


255.0000, -0.0000,  
-0.0000


 224.2020, 2.2470,  
-2.1770

 196.2020, 2.2470,  
-2.1770

 169.2020, 2.2470,  
-2.1770

 143.0880, 2.5680,  
-2.4880

 117.2020, 2.2470,  
-2.1770

 92.3160, 1.9260,  
-1.8660

 69.3160, 1.9260,

-1.8660

■ 47.0170, 1.3300,  
-2.0780

■ 26.3160, 1.9260,  
-1.8660

■ 253.0880, 2.5680,  
-2.4880

■ 253.0880, 2.5680,  
-2.4880

■ 250.2380, 10.5930,  
-10.2630

254.1140, -0.3210,  
0.3110

■ 247.2740, 18.9390,  
-18.3490

■ 244.4240, 26.9640,  
-26.1240

■ 241.4600, 35.3100,  
-34.2100

■ 238.6100, 43.3350,  
-41.9850

■ 235.7600, 51.3600,  
-49.7600

■ 232.7960, 59.7060,  
-57.8460

■ 229.9460, 67.7310,  
-65.6210

■ 226.9820, 76.0770,  
-73.7070

# Harmonies

## Analogous

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



252.8000, 3.4390, -1.7530



253.0880, 2.5680, -2.4880



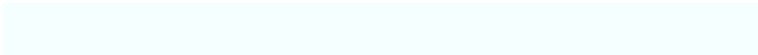
252.4080, -1.3290, -3.4490

# Triad

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



253.0880, 2.5680, -2.4880



252.0100, -5.9600, -2.1200



252.6520, 1.1000, 2.0920

# Complementary

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



253.0880, 2.5680, -2.4880



246.9120, -2.5680, 2.4880

# 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.



253.2390, 0.8250, 1.5690



253.0880, 2.5680, -2.4880



252.3200, -3.8970, -0.9610

# Square

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



253.0880, 2.5680, -2.4880



251.7110, -6.5560, -2.3320



253.2280, -0.6420, 0.6220



252.1960, 2.3840, 0.8480



# Rectangle

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



253.0880, 2.5680, -2.4880



252.1520, -3.4840, -2.9400



253.2280, -0.6420, 0.6220



252.6520, 1.1000, 2.0920

# Sweetspot

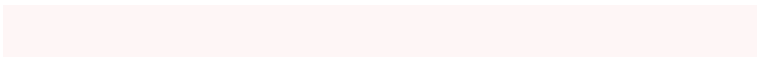
The Sweet Spot groups the original color and five complimentary colors.



253.0880, 2.5680, -2.4880



254.6580, 0.9630, -0.9330



248.3920, 4.7680, 1.6960



127.4730, 0.0460, -0.8340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

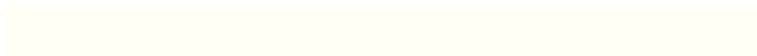


# Same Dimension

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



253.0880, 2.5680, -2.4880



253.8600, 3.2100, -3.1100



251.8920, 0.1840, -3.3360



126.9030, 1.6510, -2.3890



169.2260, 61.3110, -59.4010



56.7040, 20.5440, -19.9040



# Inverse Universe

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



246.9120, -2.5680, 2.4880



246.1400, -3.2100, 3.1100



248.1080, -0.1840, 3.3360



121.7980, -2.2470, 2.1770



21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040



# Previews

## White Background



This preview shows how the YIQ color 253.0880, 2.5680, -2.4880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

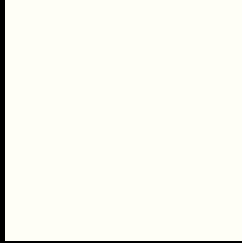
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 253.0880, 2.5680, -2.4880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

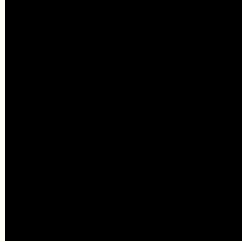
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 253.0880, 2.5680, -2.4880

## Background



This preview shows how black text looks on a background with the YIQ color 253.0880, 2.5680, -2.4880.



This preview shows how white text looks on a background with the YIQ color 253.0880, 2.5680, -2.4880.



# 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

253.0880, 2.5680, -2.4880

### Protanopia

253.3700, 1.8340, -0.1980

### Deuteranopia

253.5980, 1.1920, 0.4240

## **Tritanopia**

253.5270, -0.0460, 0.8340

# Trichromacy

## Original Color

253.0880, 2.5680, -2.4880

## Protanomaly

253.1420, 2.4760, -0.8200

## Deuteranomaly

253.2560, 2.1550, -0.5090

## Tritanomaly

253.1850, 0.9170, -0.0990

# Monochromacy

## Original Color

253.0880, 2.5680, -2.4880

## Achromatopsia

253.0000, -0.0000, -0.0000

## Achromatomaly

252.6580, 0.9630, -0.9330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 253.0880, 2.5680, -2.4880 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, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 246)  
}
```

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, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 246) }
```

## Border

The CSS property to change the border of an element to YIQ 253.0880, 2.5680, -2.4880 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, 254, 246) }
```



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

```
.border{ border-color:rgb(254, 254, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
246) }
```

# Background

The CSS property to change the background color of an element to YIQ 253.0880, 2.5680, -2.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 246) }
```

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

```
.background{ background-color: rgb(254,  
254, 246) }
```

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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