

# Converting Colors

YIQ(250.6970, 5.2270, -1.1170)

Have a look what the booklet for  
YIQ(250.6970, 5.2270, -1.1170)  
contains.

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# Color

**YIQ(250.6970, 5.2270,  
-1.1170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFAF3
RGB	255, 250, 243
RGB Percent	100%, 98%, 95%
CMY	0.0000, 0.0196, 0.0470
CMYK	0.00, 0.02, 0.05, 0.00
HSL	35°, 100%, 98%
HSV	35°, 5%, 100%
XYZ	91.6036, 96.1014, 98.5207
YIQ	250.6970, 5.2270, -1.1170

# Conversions

## Conversions Part 2

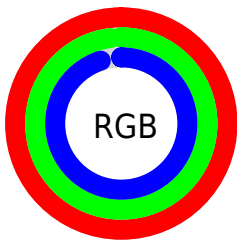
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 255, 243
Decimal	16775923
CIE <sub>Lab</sub>	98.47, 0.47, 3.92
CIE <sub>LCh</sub>	98, 3.952, 83.146
Yxy	96.1014, 0.3200, 0.3358
Android (android.graphics.Color)	4294966003 (0xFFFFFAF3)
YUV	250.6970, -3.7946, 3.7737
Hunter-Lab	98.0313, -4.7586, 9.0359

# Details

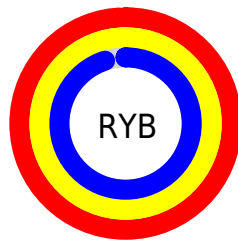
The YIQ color 250.6970, 5.2270, -1.1170 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247.3030, -5.2270, 1.1170, and the grayscale version is 251.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.3980, 4.6310, -1.3290 is the 20% darker color. If you saturate the color by 10%, you get 241.3900, 16.2770, -3.1390, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

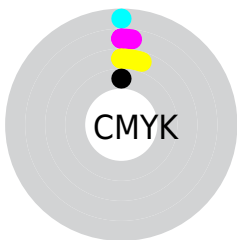
# Distribution



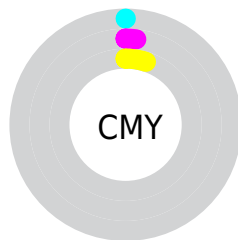
- Red (100%)
- Green (98%)
- Blue (95%)



- Red (99%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 250.6970, 5.2270, -1.1170 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 250.6970, 5.2270, -1.1170 by changing the saturation by 10% instead.





 250.6970, 5.2270,  
-1.1170


 250.6970, 5.2270,  
-1.1170


255.0000, -0.0000,  
-0.0000


 221.8110, 4.9060,  
-0.8060

 194.3980, 4.6310,  
-1.3290

 166.8110, 4.9060,  
-0.8060

 140.5120, 4.3100,  
-1.0180

 115.5120, 4.3100,  
-1.0180

 90.5120, 4.3100,  
-1.0180

 67.2130, 3.7140,

-1.2300

■ 45.2130, 3.7140,  
-1.2300

■ 24.3270, 3.3930,  
-0.9190

■ 250.6970, 5.2270,  
-1.1170

■ 250.6970, 5.2270,  
-1.1170

■ 241.3900, 16.2770,  
-3.1390

255.0000, -0.0000,  
-0.0000

■ 232.5560, 27.3730,  
-5.9950

■ 223.2490, 38.4230,  
-8.0170

■ 214.4150, 49.5190,  
-10.8730

■ 205.1080, 60.5690,  
-12.8950

■ 195.6870, 71.9400,  
-15.2280

■ 186.9670, 82.7150,  
-17.7730

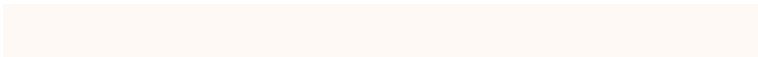
■ 177.5460, 94.0860,  
-20.1060

■ 168.2390,  
105.1360, -22.1280

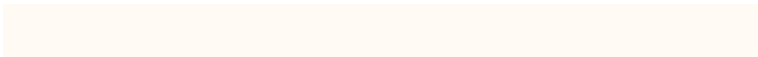
# Harmonies

## Analogous

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



250.3380, 4.8600, 0.0280



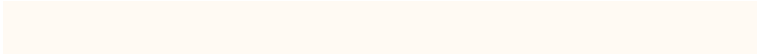
250.6970, 5.2270, -1.1170



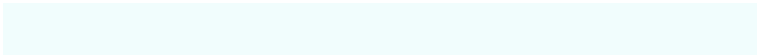
250.0880, 2.5680, -2.4880

# Triad

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



250.6970, 5.2270, -1.1170



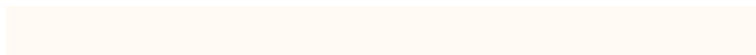
249.4120, -7.1520, -2.5440



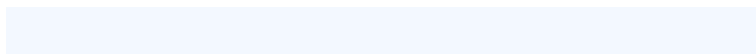
251.4780, 1.6500, 3.1380

# Complementary

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



250.6970, 5.2270, -1.1170



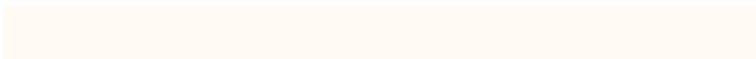
247.3030, -5.2270, 1.1170

# Split Complementary

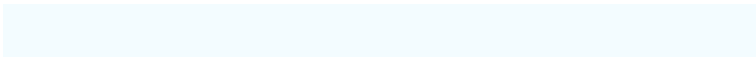
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.5700, -1.6050, 1.5550



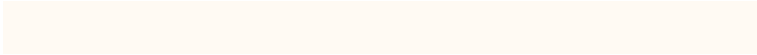
250.6970, 5.2270, -1.1170



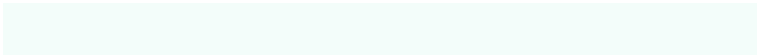
249.6510, -6.3270, -0.9750

# Square

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



250.6970, 5.2270, -1.1170



249.6680, -4.9970, -3.0530



249.9610, -4.2640, 0.1840

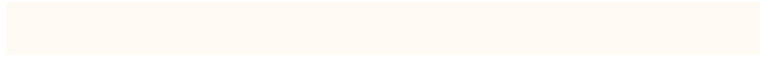


250.5490, 2.8880, 2.7280



# Rectangle

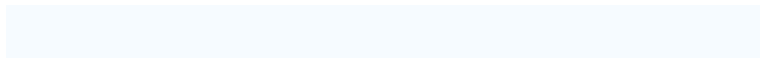
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250.6970, 5.2270, -1.1170



250.0060, -0.1370, -3.0250



249.9610, -4.2640, 0.1840



251.1790, 1.0540, 2.9260

# Sweetspot

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



250.6970, 5.2270, -1.1170



254.0710, 1.2380, -0.4100



247.1580, 5.5470, 4.0990



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000

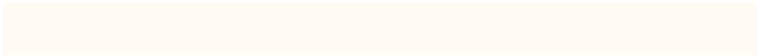


128.0000, -0.0000, -0.0000

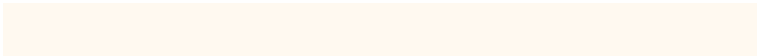


# Same Dimension

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



250.6970, 5.2270, -1.1170



249.7680, 6.4650, -1.5270



253.3330, 3.2560, -3.9440



124.6260, 3.9890, -0.7070



122.8530, 83.0360, -18.0840

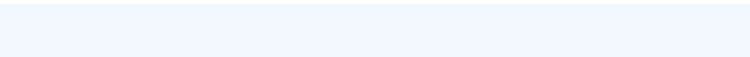


40.8550, 27.9690, -5.7830

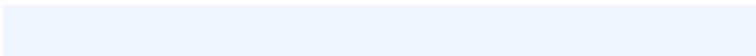


# Inverse Universe

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



247.3030, -5.2270, 1.1170



245.2320, -6.4650, 1.5270



244.6670, -3.2560, 3.9440



121.7870, -3.7140, 1.2300



68.7340, -83.3110, 17.5610

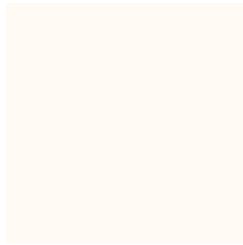


23.1450, -27.9690, 5.7830



# Previews

## White Background



This preview shows how the YIQ color 250.6970, 5.2270, -1.1170 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

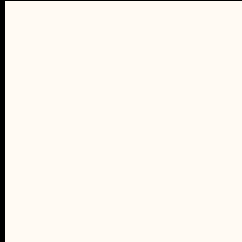
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 250.6970, 5.2270, -1.1170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

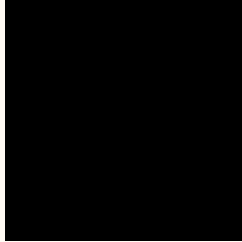
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 250.6970, 5.2270, -1.1170

## Background



This preview shows how black text looks on a background with the YIQ color 250.6970, 5.2270, -1.1170.



This preview shows how white text looks on a background with the YIQ color 250.6970, 5.2270, -1.1170.

-1.170.

# 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**

250.6970, 5.2270, -1.1170

**Protanopia**

250.9250, 4.5850, -0.4950

**Deuteranopia**

250.9080, 3.2550, 1.5830

## Tritanopia

250.8800, 0.4580, 2.7140

# Trichromacy

## Original Color

250.6970, 5.2270, -1.1170

## Protanomaly

250.8110, 4.9060, -0.8060

## Deuteranomaly

250.5660, 4.2180, 0.6500

## Tritanomaly

250.7230, 2.3380, 1.6820

# Monochromacy

## Original Color

250.6970, 5.2270, -1.1170

## Achromatopsia

251.0000, 0.0000, -0.0000

## Achromatomaly

250.9570, 1.5590, -0.7210

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 250.6970, 5.2270, -1.1170 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(255, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 243)  
}
```

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(255, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 243) }
```

## Border

The CSS property to change the border of an element to YIQ 250.6970, 5.2270, -1.1170 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(255, 250, 243) }
```



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

```
.border{ border-color:rgb(255, 250, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
243) }
```

# Background

The CSS property to change the background color of an element to YIQ 250.6970, 5.2270, -1.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 243) }
```

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

```
.background{ background-color: rgb(255,  
250, 243) }
```

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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