

Converting Colors

YIQ(250.7140, 6.5570, -3.1950)

Have a look what the booklet for
YIQ(250.7140, 6.5570, -3.1950)
contains.

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Color

**YIQ(250.7140, 6.5570,
-3.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBEE
RGB	255, 251, 238
RGB Percent	100%, 98%, 93%
CMY	0.0000, 0.0157, 0.0666
CMYK	0.00, 0.02, 0.07, 0.00
HSL	46°, 100%, 97%
HSV	46°, 7%, 100%
XYZ	91.1706, 96.4269, 94.7031
YIQ	250.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

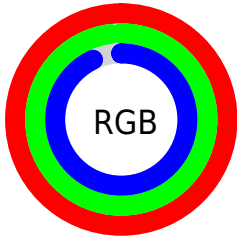
Format	Color
R _{YB}	243, 255, 238
Decimal	16776174
CIE Lab	98.60, -0.86, 6.68
CIE LCh	99, 6.734, 97.375
Yxy	96.4269, 0.3230, 0.3416
Android (android.graphics.Color)	4294966254 (0xFFFFBEE)
YUV	250.7140, -6.2680, 3.7588
Hunter-Lab	98.1972, -6.1178, 11.5577

Details

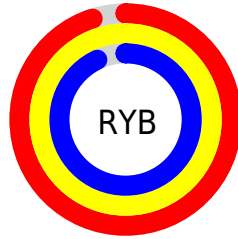
The YIQ color 250.7140, 6.5570, -3.1950 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 242.2860, -6.5570, 3.1950, and the grayscale version is 251.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.4150, 5.9610, -3.4070 is the 20% darker color. If you saturate the color by 10%, you get 244.3420, 16.2320, -7.8320, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

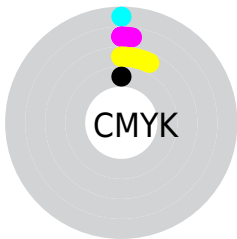
Distribution



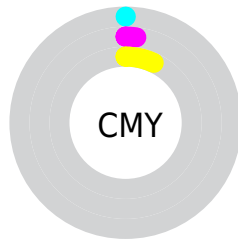
- Red (100%)
- Green (98%)
- Blue (93%)



- Red (95%)
- Yellow (100%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 250.7140, 6.5570, -3.1950 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 250.7140, 6.5570, -3.1950 by changing the saturation by 10% instead.


 250.7140, 6.5570,
-3.1950

 250.7140, 6.5570,
-3.1950


255.0000, -0.0000,
-0.0000

 221.8280, 6.2360,
-2.8840

 194.4150, 5.9610,
-3.4070

 166.8280, 6.2360,
-2.8840

 140.5290, 5.6400,
-3.0960

 114.9420, 5.9150,
-2.5730

 90.6430, 5.3190,
-2.7850

 66.7570, 4.9980,

-2.4740

■ 44.8710, 4.6770,
-2.1630

■ 24.3440, 4.7230,
-2.9970

■ 250.7140, 6.5570,
-3.1950

■ 250.7140, 6.5570,
-3.1950

■ 244.3420, 16.2320,
-7.8320

255.0000, -0.0000,
-0.0000

■ 237.8560, 26.2280,
-12.7800

■ 231.4840, 35.9030,
-17.4170

■ 224.9980, 45.8990,
-22.3650

■ 218.6260, 55.5740,
-27.0020

■ 212.1400, 65.5700,
-31.9500

■ 205.7680, 75.2450,
-36.5870

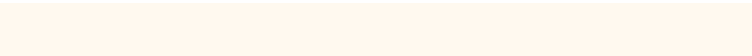
■ 199.2820, 85.2410,
-41.5350

■ 192.9100, 94.9160,
-46.1720

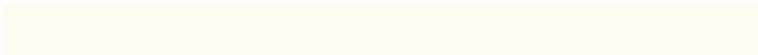
Harmonies

Analogous

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



249.6540, 6.7860, -1.8380



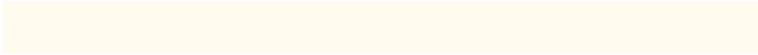
250.7140, 6.5570, -3.1950



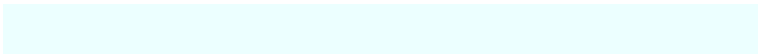
249.7240, 0.5970, -5.3150

Triad

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



250.7140, 6.5570, -3.1950



249.3190, -11.3240, -4.0280



250.3040, 2.2000, 4.1840

Complementary

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



250.7140, 6.5570, -3.1950



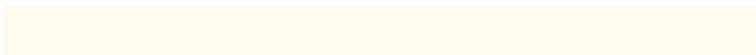
242.2860, -6.5570, 3.1950

Split Complementary

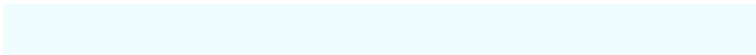
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251.1790, 1.0540, 2.9260



250.7140, 6.5570, -3.1950



249.0420, -8.9860, -2.3460

Square

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



250.7140, 6.5570, -3.1950



248.9770, -10.3610, -4.9610



249.9610, -4.2640, 0.1840



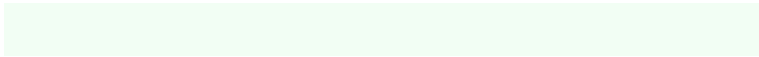
249.7340, 3.8050, 2.6290

Rectangle

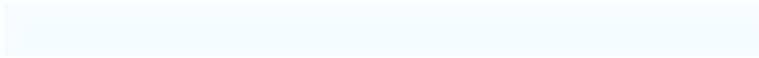
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250.7140, 6.5570, -3.1950



249.2720, -3.9420, -5.6540



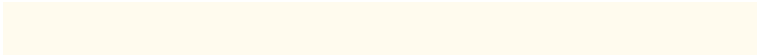
249.9610, -4.2640, 0.1840



250.8910, 1.9250, 3.6610

Sweetspot

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



250.7140, 6.5570, -3.1950



253.8430, 1.8800, -1.0320



243.5390, 8.8480, 4.8480



127.0710, 1.2380, -0.4100



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.



250.7140, 6.5570, -3.1950



249.7850, 7.7950, -3.6050



251.8660, 3.0730, -6.1350



124.7570, 4.9980, -2.4740



142.8110, 73.6860, -35.8660



47.8990, 24.6690, -12.0590

Inverse Universe

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



242.2860, -6.5570, 3.1950



239.6280, -7.5200, 4.1280



241.1340, -3.0730, 6.1350



118.2430, -4.9980, 2.4740



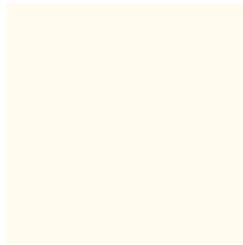
48.1890, -73.6860, 35.8660



16.1010, -24.6690, 12.0590

Previews

White Background



This preview shows how the YIQ color 250.7140, 6.5570, -3.1950 looks on a white background.

Color Contrast Check

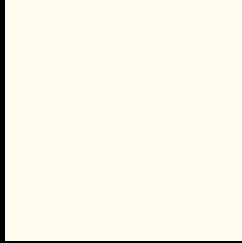
Large Text (above 18pt) WCAG AA × Fail

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 250.7140, 6.5570, -3.1950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

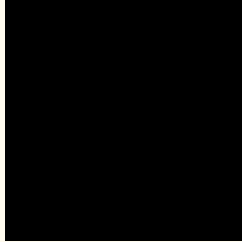
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 250.7140, 6.5570, -3.1950

Background



This preview shows how black text looks on a background with the YIQ color 250.7140, 6.5570, -3.1950.



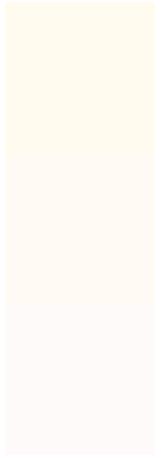
This preview shows how white text looks on a background with the YIQ color 250.7140, 6.5570, -3.1950.

-3.150.

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

250.7140, 6.5570, -3.1950

Protanopia

250.8110, 4.9060, -0.8060

Deuteranopia

251.4950, 2.9800, 1.0600

Tritanopia

251.4670, 0.1830, 2.1910

Trichromacy

**Original Color**

250.7140, 6.5570, -3.1950

Protanomaly

250.5830, 5.5480, -1.4280

Deuteranomaly

251.0390, 4.2640, -0.1840

Tritanomaly

251.0820, 2.7050, 0.5370

Monochromacy

**Original Color**

250.7140, 6.5570, -3.1950

Achromatopsia

251.0000, 0.0000, -0.0000

Achromatomaly

250.7290, 2.2010, -1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.7140, 6.5570, -3.1950 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, 251, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 238)  
}
```

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, 251, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 238) }
```

Border

The CSS property to change the border of an element to YIQ 250.7140, 6.5570, -3.1950 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, 251, 238) }
```


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

```
.border{ border-color:rgb(255, 251, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 250.7140, 6.5570, -3.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 238) }
```

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

```
.background{ background-color: rgb(255,  
251, 238) }
```

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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