

Converting Colors

YIQ(250.6270, 2.2480, -7.7040)

Have a look what the booklet for
YIQ(250.6270, 2.2480, -7.7040)
contains.

YIQ(250.6270, 2.2480, -7.7040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(250.6270, 2.2480,
-7.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFEB
RGB	248, 255, 235
RGB Percent	97%, 100%, 92%
CMY	0.0275, 0.0000, 0.0784
CMYK	0.03, 0.00, 0.08, 0.00
HSL	81°, 100%, 96%
HSV	81°, 8%, 100%
XYZ	89.4651, 97.4736, 92.7010
YIQ	250.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

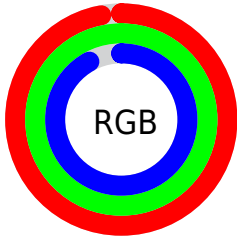
Format	Color
R _Y B	235, 255, 242
Decimal	16318443
CIE Lab	99.01, -5.74, 8.75
CIE LCh	99, 10.460, 123.277
Yxy	97.4736, 0.3199, 0.3486
Android (android.graphics.Color)	4294508523 (0xFF8FFEB)
YUV	250.6270, -7.7041, -2.3039
Hunter-Lab	98.7287, -11.0238, 13.4400

Details

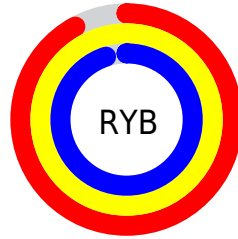
The YIQ color 250.6270, 2.2480, -7.7040 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 239.3730, -2.2480, 7.7040, and the grayscale version is 251.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.0400, 2.5230, -7.1810 is the 20% darker color. If you saturate the color by 10%, you get 245.0860, 4.9090, -17.3870, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

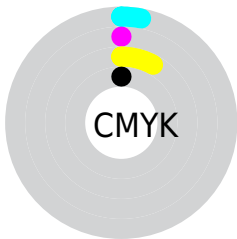
Distribution



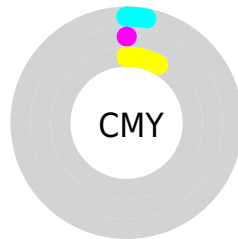
- Red (97%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 250.6270, 2.2480, -7.7040 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 250.6270, 2.2480, -7.7040 by changing the saturation by 10% instead.

 250.6270, 2.2480,
-7.7040


 250.6270, 2.2480,
-7.7040


255.0000, -0.0000,
-0.0000

 221.7410, 1.9270,
-7.3930

 194.0400, 2.5230,
-7.1810

 166.8550, 1.6060,
-7.0820

 140.8550, 1.6060,
-7.0820

 115.2680, 1.8810,
-6.5590

 90.3820, 1.5600,
-6.2480

 67.3820, 1.5600,

-6.2480

■ 44.7950, 1.8350,
-5.7250

■ 23.9800, 2.7520,
-5.8240

■ 250.6270, 2.2480,
-7.7040

■ 250.6270, 2.2480,
-7.7040

■ 245.0860, 4.9090,
-17.3870

255.0000, -0.0000,
-0.0000

■ 239.4310, 7.8910,
-27.3810

■ 233.8900, 10.5520,
-37.0640

■ 228.2350, 13.5340,
-47.0580

■ 222.6940, 16.1950,
-56.7410

■ 217.0390, 19.1770,
-66.7350

■ 211.4980, 21.8380,
-76.4180

■ 206.1420, 25.4160,
-86.2000

■ 200.6010, 28.0770,
-95.8830

Harmonies

Analogous

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



250.6170, 8.2080, -5.5840



250.6270, 2.2480, -7.7040



248.2500, -6.8760, -7.5480

Triad

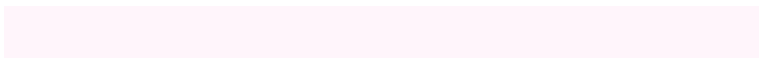
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250.6270, 2.2480, -7.7040



248.4220, -13.1120, -4.6640



248.6740, 4.0340, 3.9860

Complementary

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



250.6270, 2.2480, -7.7040



239.3730, -2.2480, 7.7040

Split Complementary

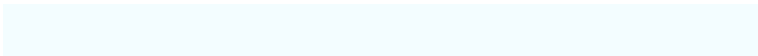
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.3040, 2.2000, 4.1840



250.6270, 2.2480, -7.7040



250.2380, -6.6020, -1.4980

Square

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



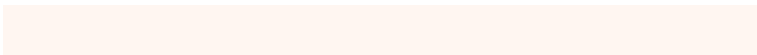
250.6270, 2.2480, -7.7040



246.6280, -16.6880, -5.9360



251.4780, 1.6500, 3.1380



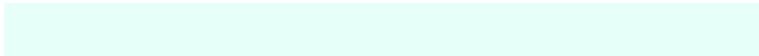
248.1210, 6.9690, 0.3530

Rectangle

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



250.6270, 2.2480, -7.7040



247.1400, -12.3780, -6.9540



251.4780, 1.6500, 3.1380



249.7170, 2.4750, 4.7070

Sweetspot

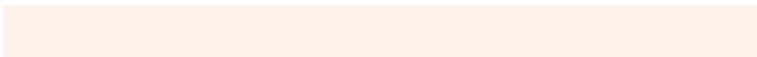
The Sweet Spot groups the original color and five complimentary colors.



250.6270, 2.2480, -7.7040



253.8320, 0.4130, -1.9790



245.0890, 9.9950, 0.5790



127.3590, 0.3670, -1.1450



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.



250.6270, 2.2480, -7.7040



249.9860, 2.6150, -8.8490



247.6370, -3.7120, -9.8240



125.0230, 1.1930, -5.1030



149.1930, 21.3790, -73.6050



49.8270, 6.8360, -24.7800

Inverse Universe

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



239.3730, -2.2480, 7.7040



237.0140, -2.6150, 8.8490



242.3630, 3.7120, 9.8240



117.6780, -1.7890, 4.8910



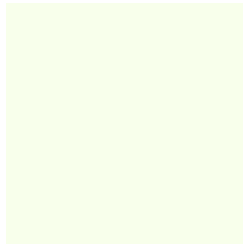
41.8070, -21.3790, 73.6050



13.8740, -7.4320, 24.5680

Previews

White Background



This preview shows how the YIQ color 250.6270, 2.2480, -7.7040 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 250.6270, 2.2480, -7.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

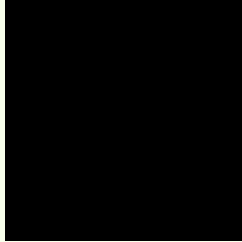
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 250.6270, 2.2480, -7.7040

Background



This preview shows how black text looks on a background with the YIQ color 250.6270, 2.2480, -7.7040.



This preview shows how white text looks on a background with the YIQ color 250.6270, 2.2480,

-7.7140.

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

250.6270, 2.2480, -7.7040



Protanopia

252.2130, 3.7140, -1.2300

Deuteranopia

252.1960, 2.3840, 0.8480

Tritanopia

252.3420, -0.9630, 0.9330

Trichromacy



Original Color

250.6270, 2.2480, -7.7040

Protanomaly

251.4470, 2.9350, -3.6330

Deuteranomaly

251.2020, 2.2470, -2.1770

Tritanomaly

251.8320, 0.4130, -1.9790

Monochromacy



Original Color

250.6270, 2.2480, -7.7040

Achromatopsia

251.0000, 0.0000, -0.0000

Achromatomaly

250.6040, 1.0550, -2.6010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.6270, 2.2480, -7.7040 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(248, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 235)  
}
```

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(248, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 235) }
```

Border

The CSS property to change the border of an element to YIQ 250.6270, 2.2480, -7.7040 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(248, 255, 235) }
```


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

```
.border{ border-color:rgb(248, 255, 235) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 250.6270, 2.2480, -7.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 235) }
```

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

```
.background{ background-color: rgb(248,  
255, 235) }
```

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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