

Converting Colors

YIQ(239.9460, 17.2870,
-10.4330)

Have a look what the booklet for
YIQ(239.9460, 17.2870, -10.4330)
contains.

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Color

**YIQ(239.9460, 17.2870,
-10.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF2CB
RGB	250, 242, 203
RGB Percent	98%, 95%, 80%
CMY	0.0196, 0.0510, 0.2038
CMYK	0.00, 0.03, 0.19, 0.02
HSL	50°, 82%, 89%
HSV	50°, 19%, 98%
XYZ	81.9575, 88.1389, 69.2086
YIQ	239.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

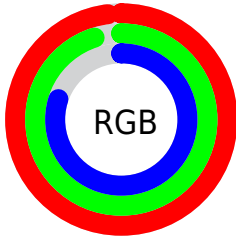
Format	Color
R_{YB}	213, 250, 203
Decimal	16446155
CIE Lab	95.22, -3.49, 19.80
CIE LCh	95, 20.102, 99.996
Yxy	88.1389, 0.3425, 0.3683
Android (android.graphics.Color)	4294636235 (0xFFFAF2CB)
YUV	239.9460, -18.2144, 8.8174
Hunter-Lab	93.8823, -8.4671, 22.0100

Details

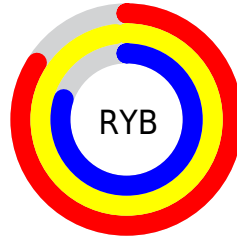
The YIQ color $239.9460, 17.2870, -10.4330$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $213.0540, -17.2870, 10.4330$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.8750, 16.0490, -10.0230$ is the 20% darker color. If you saturate the color by 10%, you get $234.7480, 26.4120, -16.1160$, and if you desaturate by 10%, it is $245.1440, 8.1620, -4.7500$.

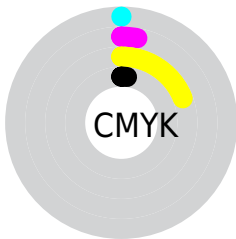
Distribution



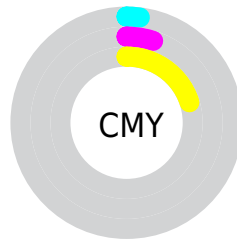
- Red (98%)
- Green (95%)
- Blue (80%)



- Red (84%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.9460, 17.2870, -10.4330 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 239.9460, 17.2870, -10.4330 by changing the saturation by 10% instead.


 239.9460, 17.2870,
-10.4330


 239.9460, 17.2870,
-10.4330


255.0000, -0.0000,
-0.0000


 211.7610, 16.3700,
-10.3340

 183.8750, 16.0490,
-10.0230

 156.9890, 15.7280,
-9.7120

 130.8040, 14.8110,
-9.6130

 105.6190, 13.8940,
-9.5140

 81.4340, 12.9770,
-9.4150

 58.5480, 12.6560,

-9.1040

■ 36.1350, 12.3810,
-9.6270

■ 16.5350, 5.5030,
-6.1210

■ 239.9460, 17.2870,
-10.4330

■ 239.9460, 17.2870,
-10.4330

■ 234.7480, 26.4120,
-16.1160

■ 245.1440, 8.1620,
-4.7500

■ 228.9630, 35.8120,
-21.2760

■ 250.9290, -1.2380,
0.4100

■ 223.7650, 44.9370,
-26.9590

■ 253.5050, -2.9800,
-1.0600

■ 218.5670, 54.0620,
-32.6420

■ 213.3690, 63.1870,
-38.3250

■ 207.5840, 72.5870,
-43.4850

■ 202.3860, 81.7120,
-49.1680

■ 197.1880, 90.8370,
-54.8510

■ 196.2590, 92.0750,
-55.2610

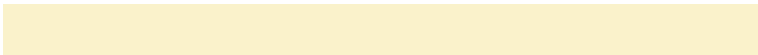
Harmonies

Analogous

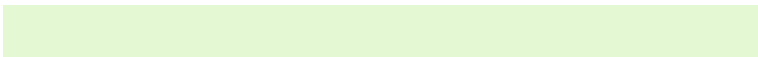
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.1470, 21.2750, -5.6130



239.9460, 17.2870, -10.4330



237.8020, -0.0430, -15.7470

Triad

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



239.9460, 17.2870, -10.4330



233.8150, -36.4480, -11.2640



239.7380, 7.1500, 13.5980

Complementary

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



239.9460, 17.2870, -10.4330



213.0540, -17.2870, 10.4330

Split Complementary

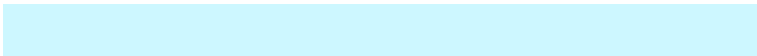
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0750, 4.5830, 10.5590



239.9460, 17.2870, -10.4330



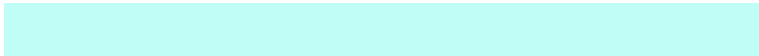
235.3540, -27.6000, -6.4160

Square

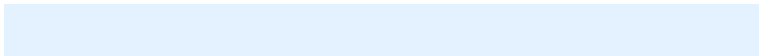
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.9460, 17.2870, -10.4330



234.3760, -33.8340, -14.5860



238.7090, -12.2420, 1.5980



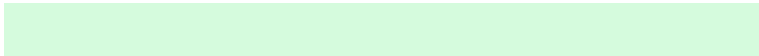
236.8710, 13.8450, 7.9010

Rectangle

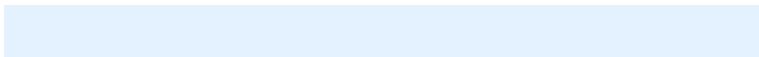
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.9460, 17.2870, -10.4330



236.2180, -13.0180, -17.3860



238.7090, -12.2420, 1.5980



240.9120, 6.6000, 12.5520

Sweetspot

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



239.9460, 17.2870, -10.4330



251.5290, 5.6400, -3.0960



218.0790, 25.1230, 12.7630



125.8000, 3.4390, -1.7530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

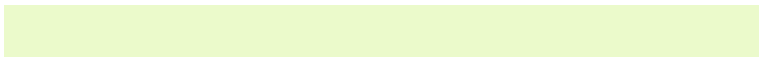
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.9460, 17.2870, -10.4330



242.4040, 21.6890, -13.1190



240.1570, 6.1470, -17.7970



122.3440, 4.7230, -2.9970



148.6700, 69.4690, -42.0430



48.1760, 22.3310, -13.7410

Inverse Universe

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



213.0540, -17.2870, 10.4330



208.5960, -21.6890, 13.1190



212.8430, -6.1470, 17.7970



115.2430, -4.9980, 2.4740



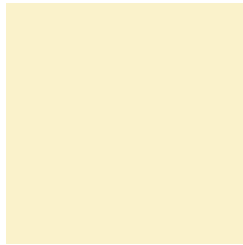
40.3300, -69.4690, 42.0430



12.8240, -22.3310, 13.7410

Previews

White Background



This preview shows how the YIQ color 239.9460, 17.2870, -10.4330 looks on a white background.

Color Contrast Check

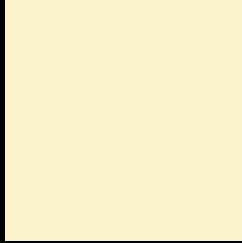
Large Text (above 18pt) WCAG AA × Fail

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 239.9460, 17.2870, -10.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

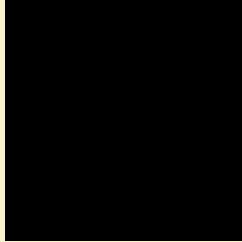
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.9460, 17.2870, -10.4330

Background



This preview shows how black text looks on a background with the YIQ color 239.9460, 17.2870, -10.4330.



This preview shows how white text looks on a background with the YIQ color 239.9460, 17.2870, -10.4330.

-10.4330.

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

239.9460, 17.2870, -10.4330

Protanopia

240.4410, 20.2670, -9.3730

Deuteranopia

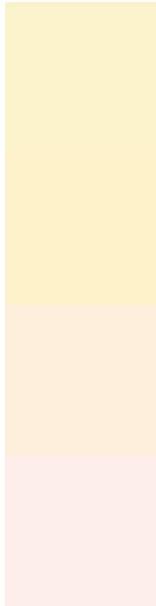
242.0570, 13.0210, 0.8050



Tritanopia

243.5050, 6.1880, 9.0040

Trichromacy



Original Color

239.9460, 17.2870, -10.4330

Protanomaly

240.1420, 19.6710, -9.5850

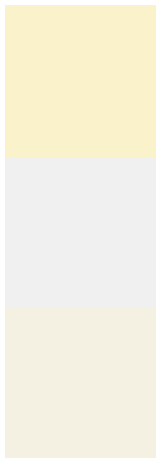
Deuteranomaly

241.0200, 14.4430, -2.9410

Tritanomaly

242.0290, 10.2240, 1.9360

Monochromacy



Original Color

239.9460, 17.2870, -10.4330

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.3010, 6.2820, -3.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.9460, 17.2870, -10.4330 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(250, 242, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 203)  
}
```

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(250, 242, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 203) }
```

Border

The CSS property to change the border of an element to YIQ 239.9460, 17.2870, -10.4330 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(250, 242, 203) }
```


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

```
.border{ border-color:rgb(250, 242, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 239.9460, 17.2870, -10.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 203) }
```

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

```
.background{ background-color: rgb(250,  
242, 203) }
```

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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