

Converting Colors

YIQ(235.6970, 14.3950, 8.9470)

Have a look what the booklet for
YIQ(235.6970, 14.3950, 8.9470)
contains.

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Color

**YIQ(235.6970, 14.3950,
8.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2EB
RGB	255, 226, 235
RGB Percent	100%, 89%, 92%
CMY	0.0000, 0.1137, 0.0784
CMYK	0.00, 0.11, 0.08, 0.00
HSL	341°, 100%, 94%
HSV	341°, 11%, 100%
XYZ	83.4303, 81.6450, 89.9688
YIQ	235.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

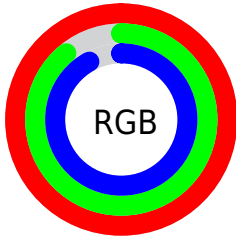
Format	Color
R_{YB}	255, 226, 235
Decimal	16769771
CIE Lab	92.42, 11.42, -0.75
CIE LCh	92, 11.444, 356.253
Yxy	81.6450, 0.3271, 0.3201
Android (android.graphics.Color)	4294959851 (0xFFFFE2EB)
YUV	235.6970, -0.3436, 16.9287
Hunter-Lab	90.3576, 6.6893, 4.2155

Details

The YIQ color $235.6970, 14.3950, 8.9470$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $245.3030, -14.3950, -8.9470$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.9850, 13.5240, 8.2120$ is the 20% darker color. If you saturate the color by 10%, you get $218.3830, 27.3230, 16.9470$, and if you desaturate by 10%, it is $252.4240, 1.7420, 1.4700$.

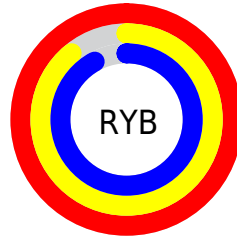
Distribution



Red (100%)

Green (89%)

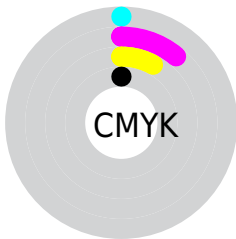
Blue (92%)



Red (100%)

Yellow (89%)

Blue (92%)

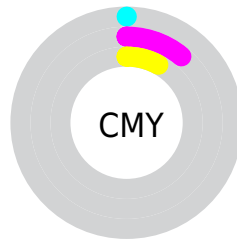


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.6970, 14.3950, 8.9470 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 235.6970, 14.3950, 8.9470 by changing the saturation by 10% instead.


 235.6970, 14.3950,
8.9470

 235.6970, 14.3950,
8.9470


255.0000, -0.0000,
-0.0000


 207.3980, 13.7990,
8.7350

 179.9850, 13.5240,
8.2120

 153.0990, 13.2030,
8.5230

 126.8000, 12.6070,
8.3110

 102.0880, 11.7360,
7.5760

 77.7890, 11.1400,
7.3640

 54.7890, 11.1400,

7.3640

■ 33.1910, 9.9480,
6.9400

■ 9.6260, 13.1570,
9.3570

■ 235.6970, 14.3950,
8.9470

■ 235.6970, 14.3950,
8.9470

■ 218.3830, 27.3230,
16.9470

■ 252.4240, 1.7420,
1.4700

■ 201.7700, 39.6550,
24.7350

255.0000, -0.0000,
-0.0000

■ 184.4560, 52.5830,
32.7350

■ 167.8430, 64.9150,
40.5230

■ 150.5290, 77.8430,
48.5230

■ 133.9160, 90.1750,
56.3110

■ 116.6020,
103.1030, 64.3110

■ 99.8750, 115.7560,
71.7880

■ 85.2510, 126.6210,
78.6290

Harmonies

Analogous

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



235.7330, 5.5460, 9.6260



235.6970, 14.3950, 8.9470



234.4430, 17.9260, 5.5260

Triad

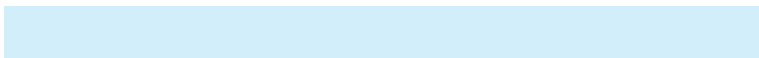
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6970, 14.3950, 8.9470



232.1820, 4.9990, -8.0010



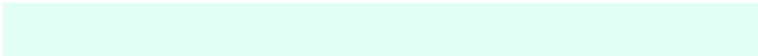
231.1100, -20.8610, -1.8930

Complementary

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



235.6970, 14.3950, 8.9470



245.3030, -14.3950, -8.9470

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.



230.0620, -20.9060, -6.5860



235.6970, 14.3950, 8.9470



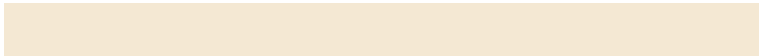
230.3810, -5.8670, -9.3150

Square

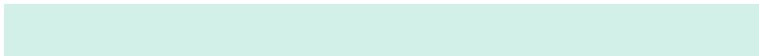
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



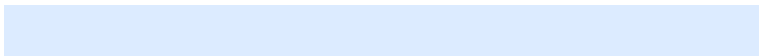
235.6970, 14.3950, 8.9470



233.1940, 13.8930, -3.9870



230.0040, -14.9910, -9.1590



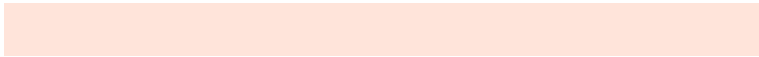
232.7950, -15.3600, 3.0400

Rectangle

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



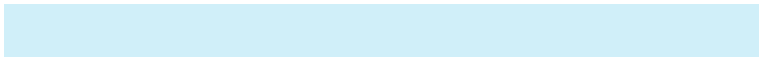
235.6970, 14.3950, 8.9470



234.9330, 19.3020, 2.6140



230.0040, -14.9910, -9.1590



230.8710, -21.6860, -3.4620

Sweetspot

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



235.6970, 14.3950, 8.9470



249.7340, 3.8050, 2.6290



235.2860, 2.6110, 13.2590



124.0220, 2.9340, 1.8940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

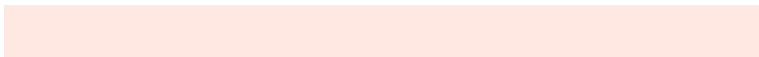
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6970, 14.3950, 8.9470



231.0180, 17.9250, 11.0530



237.6060, 15.9090, 3.5330



119.3430, 6.4640, 4.0000



63.8350, 94.8970, 58.8410



21.4160, 31.7240, 19.7880

Inverse Universe

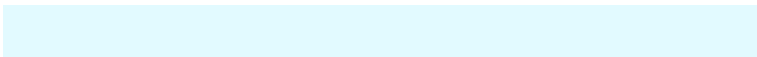
The Inverse Universe completely reimagines the original color for something new.



235.6970, 14.3950, 8.9470



231.0180, 17.9250, 11.0530



243.3940, -15.9090, -3.5330



119.3430, 6.4640, 4.0000



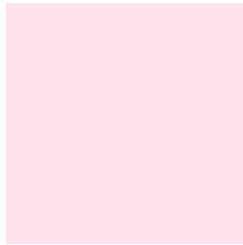
63.8350, 94.8970, 58.8410



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 235.6970, 14.3950, 8.9470 looks on a white background.

Color Contrast Check

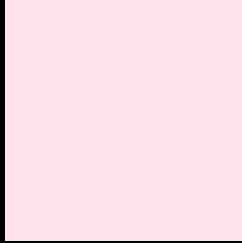
Large Text (above 18pt) WCAG AA × Fail

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 235.6970, 14.3950, 8.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

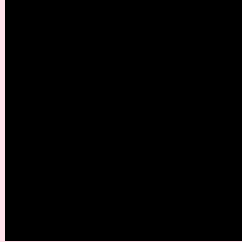
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.6970, 14.3950, 8.9470

Background



This preview shows how black text looks on a background with the YIQ color 235.6970, 14.3950, 8.9470.



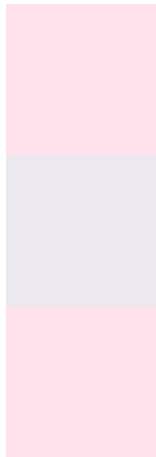
This preview shows how white text looks on a background with the YIQ color 235.6970, 14.3950,

8.9470.

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

235.6970, 14.3950, 8.9470

Protanopia

233.9940, 0.1370, 3.0250

Deuteranopia

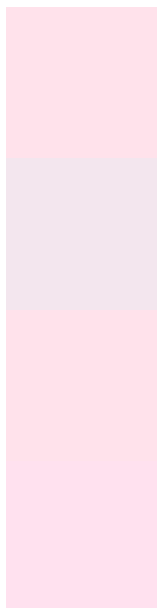
235.6970, 14.3950, 8.9470



Tritanopia

235.9080, 12.4230, 11.6470

Trichromacy



Original Color

235.6970, 14.3950, 8.9470

Protanomaly

234.7990, 5.1800, 5.2440

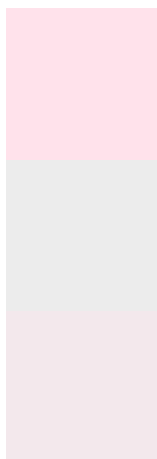
Deuteranomaly

235.6970, 14.3950, 8.9470

Tritanomaly

235.5660, 13.3860, 10.7140

Monochromacy



Original Color

235.6970, 14.3950, 8.9470

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.7450, 5.2720, 3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.6970, 14.3950, 8.9470 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, 226, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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(255, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 235) }
```

Border

The CSS property to change the border of an element to YIQ 235.6970, 14.3950, 8.9470 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, 226, 235) }
```


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

```
.border{ border-color:rgb(255, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 235.6970, 14.3950, 8.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 235) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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