

Converting Colors

YIQ(235.9800, 11.9200, 4.2400)

Have a look what the booklet for
YIQ(235.9800, 11.9200, 4.2400)
contains.

YIQ(235.9800, 11.9200, 4.2400)	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(235.9800, 11.9200,
4.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6E6
RGB	250, 230, 230
RGB Percent	98%, 90%, 90%
CMY	0.0196, 0.0980, 0.0980
CMYK	0.00, 0.08, 0.08, 0.02
HSL	360°, 67%, 94%
HSV	360°, 8%, 98%
XYZ	82.0078, 82.6290, 86.4985
YIQ	235.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

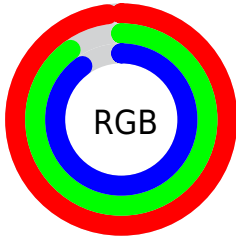
Format	Color
R _Y B	250, 230, 230
Decimal	16443110
CIE Lab	92.85, 6.81, 2.44
CIE LCh	93, 7.239, 19.739
Yxy	82.6290, 0.3265, 0.3290
Android (android.graphics.Color)	4294633190 (0xFFFAE6E6)
YUV	235.9800, -2.9481, 12.2955
Hunter-Lab	90.9005, 1.9616, 7.2116

Details

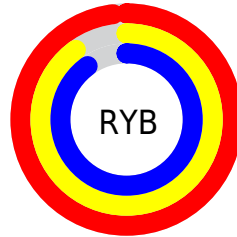
The YIQ color $235.9800, 11.9200, 4.2400$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.0200, -11.9200, -4.2400$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.3820, 10.7280, 3.8160$ is the 20% darker color. If you saturate the color by 10%, you get $218.4550, 26.8200, 9.5400$, and if you desaturate by 10%, it is $253.5050, -2.9800, -1.0600$.

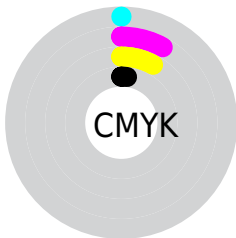
Distribution



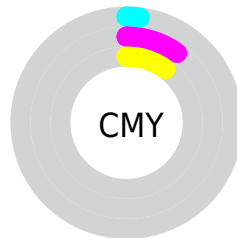
- Red (98%)
- Green (90%)
- Blue (90%)



- Red (98%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.9800, 11.9200, 4.2400 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 235.9800, 11.9200, 4.2400 by changing the saturation by 10% instead.


 235.9800, 11.9200,
4.2400


 235.9800, 11.9200,
4.2400


255.0000, -0.0000,
-0.0000


 207.6810, 11.3240,
4.0280

 180.3820, 10.7280,
3.8160

 153.3820, 10.7280,
3.8160

 127.3820, 10.7280,
3.8160

 102.0830, 10.1320,
3.6040

 78.1970, 9.8110,
3.9150

 55.4850, 8.9400,

3.1800

■ 34.1860, 8.3440,
2.9680

■ 10.6810, 11.3240,
4.0280

■ 235.9800, 11.9200,
4.2400

■ 235.9800, 11.9200,
4.2400

■ 218.4550, 26.8200,
9.5400

■ 253.5050, -2.9800,
-1.0600

■ 200.9300, 41.7200,
14.8400

■ 183.4050, 56.6200,
20.1400

■ 165.8800, 71.5200,
25.4400

■ 148.3550, 86.4200,
30.7400

■ 130.8300,
101.3200, 36.0400

■ 113.3050,
116.2200, 41.3400

■ 95.7800, 131.1200,
46.6400

■ 78.2550, 146.0200,
51.9400

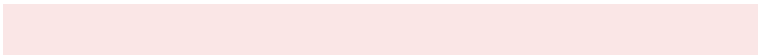
Harmonies

Analogous

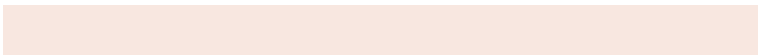
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.1800, 8.4810, 5.9930



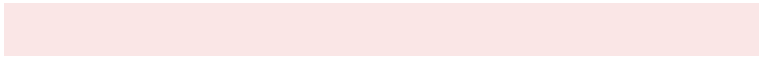
235.9800, 11.9200, 4.2400



235.2850, 12.3790, 1.4270

Triad

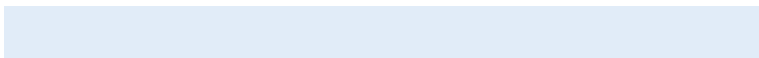
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9800, 11.9200, 4.2400



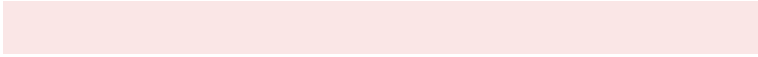
232.6420, -2.1080, -5.8520



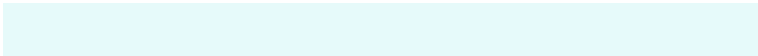
234.0790, -10.4080, 1.4000

Complementary

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



235.9800, 11.9200, 4.2400



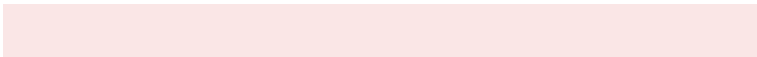
244.0200, -11.9200, -4.2400

Split Complementary

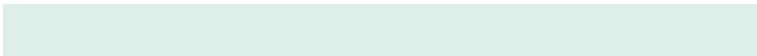
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1170, -13.5710, -1.8510



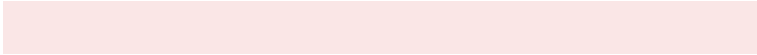
235.9800, 11.9200, 4.2400



232.8200, -8.4810, -5.9930

Square

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



235.9800, 11.9200, 4.2400



233.4040, 4.4940, -4.3540



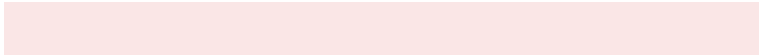
232.7210, -12.5160, -4.4520



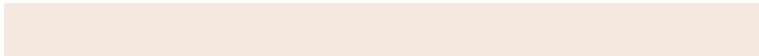
234.5960, -4.4940, 4.3540

Rectangle

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



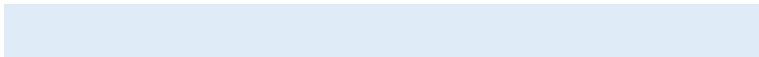
235.9800, 11.9200, 4.2400



234.7470, 10.9580, -0.3540



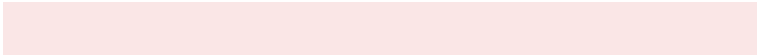
232.7210, -12.5160, -4.4520



233.3670, -11.2790, 0.6650

Sweetspot

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



235.9800, 11.9200, 4.2400



251.4950, 2.9800, 1.0600



238.2600, 5.5000, 10.4600



125.8970, 1.7880, 0.6360



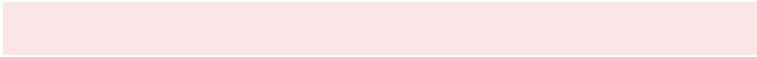
0.0000, 0.0000, 0.0000



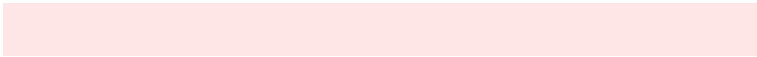
128.0000, -0.0000, -0.0000

Same Dimension

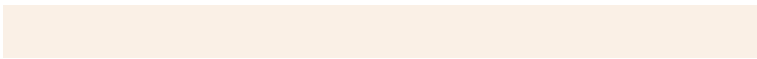
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9800, 11.9200, 4.2400



237.4750, 14.9000, 5.3000



241.8500, 9.1700, -0.9900



115.8870, 7.7480, 2.7560



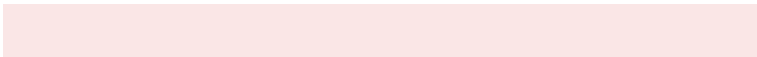
56.5110, 112.6440, 40.0680



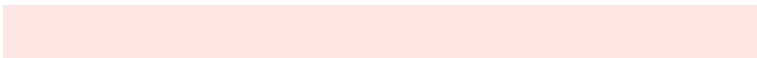
18.2390, 36.3560, 12.9320

Inverse Universe

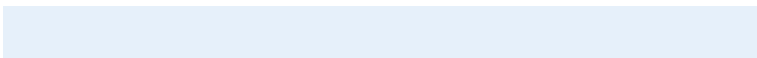
The Inverse Universe completely reimagines the original color for something new.



235.9800, 11.9200, 4.2400



237.4750, 14.9000, 5.3000



238.1500, -9.1700, 0.9900



115.8870, 7.7480, 2.7560



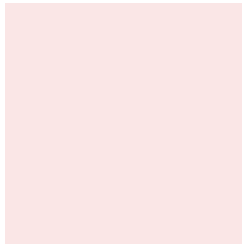
56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 235.9800, 11.9200, 4.2400 looks on a white background.

Color Contrast Check

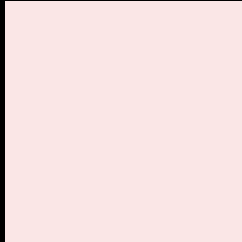
Large Text (above 18pt) WCAG AA × Fail

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 235.9800, 11.9200, 4.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

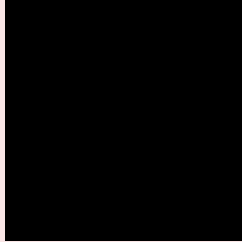
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

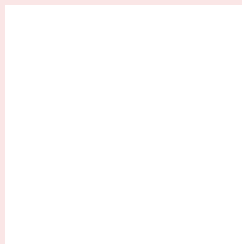
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.9800, 11.9200, 4.2400

Background



This preview shows how black text looks on a background with the YIQ color 235.9800, 11.9200, 4.2400.



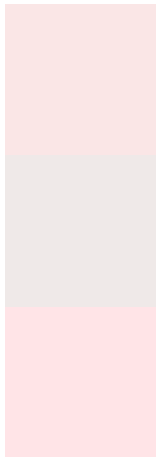
This preview shows how white text looks on a background with the YIQ color 235.9800, 11.9200,

4.2400.

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

235.9800, 11.9200, 4.2400

Protanopia

234.6800, 3.8970, 0.9610

Deuteranopia

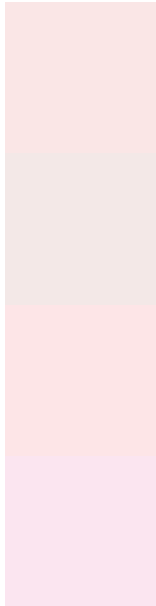
236.4150, 15.1290, 6.6570



Tritanopia

237.1140, 8.8470, 10.3750

Trichromacy



Original Color

235.9800, 11.9200, 4.2400

Protanomaly

235.1750, 6.8770, 2.0210

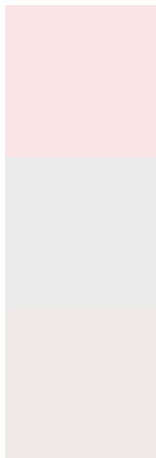
Deuteranomaly

236.4040, 13.6620, 5.7100

Tritanomaly

236.8320, 9.5810, 8.0850

Monochromacy



Original Color

235.9800, 11.9200, 4.2400

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.0930, 4.1720, 1.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.9800, 11.9200, 4.2400 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 230) }
```

Border

The CSS property to change the border of an element to YIQ 235.9800, 11.9200, 4.2400 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, 230, 230) }
```


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

```
.border{ border-color:rgb(250, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 235.9800, 11.9200, 4.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 230) }
```

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

```
.background{ background-color: rgb(250,  
230, 230) }
```

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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