

Converting Colors

YIQ(237.4310, 9.0320, 1.5120)

Have a look what the booklet for
YIQ(237.4310, 9.0320, 1.5120)
contains.

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Color

**YIQ(237.4310, 9.0320,
1.5120)**

Conversions

Conversions Part 1	
Format	Color
Hex	F7EAE6
RGB	247, 234, 230
RGB Percent	97%, 92%, 90%
CMY	0.0313, 0.0824, 0.0980
CMYK	0.00, 0.05, 0.07, 0.03
HSL	14°, 52%, 94%
HSV	14°, 7%, 97%
XYZ	82.0659, 84.3317, 86.8225
YIQ	237.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

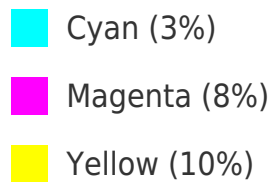
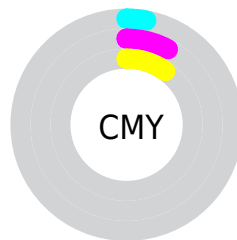
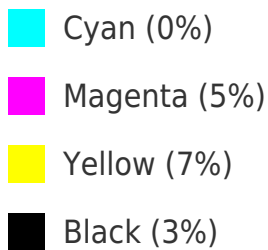
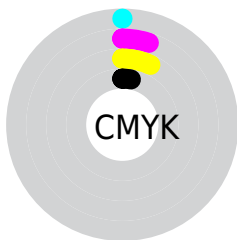
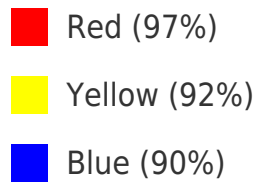
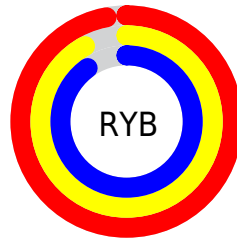
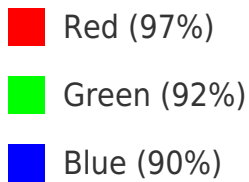
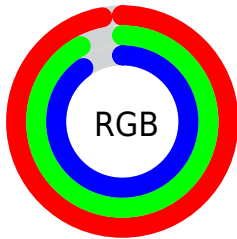
Format	Color
RYB	247, 235, 230
Decimal	16247526
CIELab	93.59, 3.72, 3.49
CIELCh	94, 5.107, 43.169
Yxy	84.3317, 0.3241, 0.3330
Android (android.graphics.Color)	4294437606 (0xFF7EAE6)
YUV	237.4310, -3.6635, 8.3920
Hunter-Lab	91.8323, -1.1901, 8.2271

Details

The YIQ color $237.4310, 9.0320, 1.5120$ is a light color, and the websafe version is hex FFFFFF. A complement of this color would be $239.5690, -9.0320, -1.5120$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.5450, 8.7110, 1.8230$ is the 20% darker color. If you saturate the color by 10%, you get $223.4280, 22.2820, 3.6740$, and if you desaturate by 10%, it is $251.4340, -4.2180, -0.6500$.


Distribution




Brightness & Saturation Gradients


These gradients show how the YIQ color 237.4310, 9.0320, 1.5120 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 237.4310, 9.0320, 1.5120 by changing the saturation by 10% instead.


 237.4310, 9.0320,
1.5120

 237.4310, 9.0320,
1.5120


255.0000, -0.0000,
-0.0000


 209.1320, 8.4360,
1.3000

 181.5450, 8.7110,
1.8230

 155.1320, 8.4360,
1.3000

 128.8330, 7.8400,
1.0880

 103.8330, 7.8400,
1.0880

 79.6480, 6.9230,
1.1870

 56.6480, 6.9230,

1.1870

■ 35.3490, 6.3270,
0.9750

■ 13.0180, 8.7570,
0.9890

■ 237.4310, 9.0320,
1.5120

■ 237.4310, 9.0320,
1.5120

■ 223.4280, 22.2820,
3.6740

■ 251.4340, -4.2180,
-0.6500

■ 209.5390, 35.2110,
6.1470

■ 252.6080, -4.7680,
-1.6960

■ 195.5360, 48.4610,
8.3090

■ 181.5330, 61.7110,
10.4710

■ 167.6440, 74.6400,
12.9440

■ 154.2280, 87.6150,
14.5830

■ 140.2250,
100.8650, 16.7450

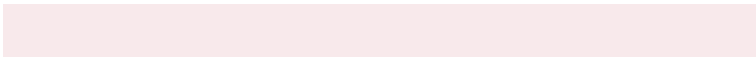
■ 126.2220,
114.1150, 18.9070

■ 112.3330,
127.0440, 21.3800

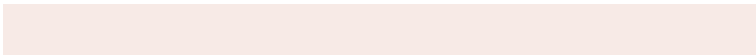
Harmonies

Analogous

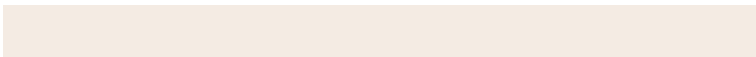
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7130, 8.2980, 3.8020



237.4310, 9.0320, 1.5120



236.7790, 7.9320, -0.5800

Triad

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



237.4310, 9.0320, 1.5120



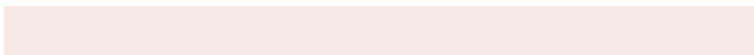
235.1410, -4.9510, -3.8870



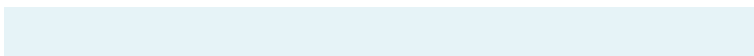
236.5420, -4.4020, 2.6860

Complementary

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



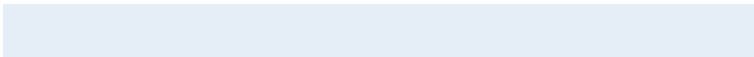
237.4310, 9.0320, 1.5120



239.5690, -9.0320, -1.5120

Split Complementary

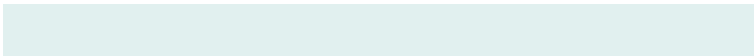
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.2210, -7.9320, 0.5800



237.4310, 9.0320, 1.5120



235.4010, -8.6190, -3.4910

Square

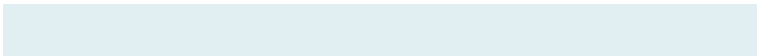
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.4310, 9.0320, 1.5120



235.4790, -0.0910, -3.8590



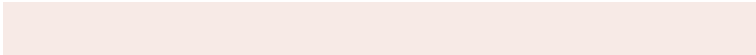
235.2700, -9.6280, -1.7240



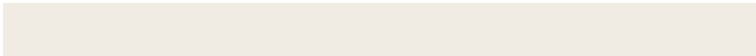
237.5210, 0.0910, 3.8590

Rectangle

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



237.4310, 9.0320, 1.5120



236.1700, 5.2730, -1.9510



235.2700, -9.6280, -1.7240



236.5310, -5.8690, 1.7390

Sweetspot

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



237.4310, 9.0320, 1.5120



252.0820, 2.7050, 0.5370



236.5650, 5.9590, 7.6470



126.4840, 1.5130, 0.1130



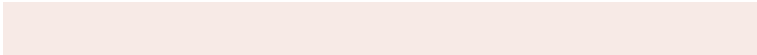
0.0000, 0.0000, 0.0000



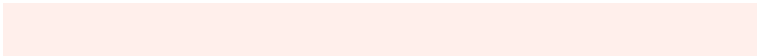
128.0000, -0.0000, -0.0000

Same Dimension

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



237.4310, 9.0320, 1.5120



243.3280, 10.8200, 2.1480



242.1270, 6.8320, -2.6720



115.3490, 6.3270, 0.9750



81.4420, 98.7560, 16.4200



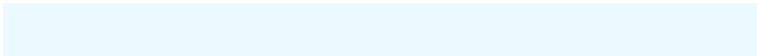
25.8590, 31.3140, 5.1860

Inverse Universe

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



239.5690, -9.0320, -1.5120



246.0850, -10.5450, -1.6250



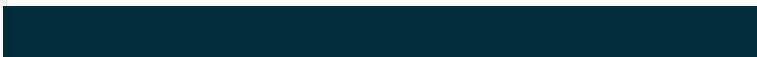
234.8730, -6.8320, 2.6720



117.2380, -6.6020, -1.4980



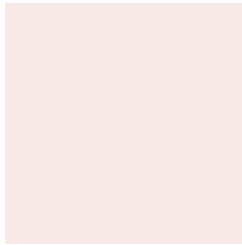
104.5580, -98.7560, -16.4200



33.1410, -31.3140, -5.1860

Previews

White Background



This preview shows how the YIQ color 237.4310, 9.0320, 1.5120 looks on a white background.

Color Contrast Check

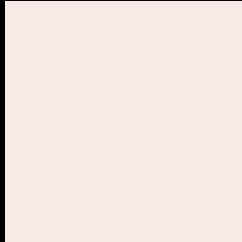
Large Text (above 18pt) WCAG AA × Fail

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 237.4310, 9.0320, 1.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

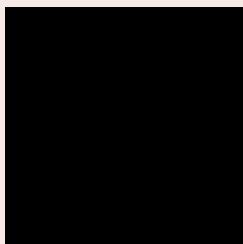
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

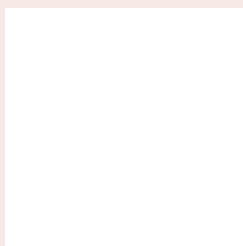
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.4310, 9.0320, 1.5120

Background



This preview shows how black text looks on a background with the YIQ color 237.4310, 9.0320, 1.5120.

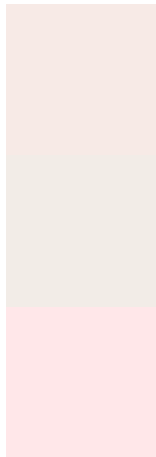


This preview shows how white text looks on a background with the YIQ color 237.4310, 9.0320,

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

237.4310, 9.0320, 1.5120

Protanopia

237.2240, 5.1810, -0.2830

Deuteranopia

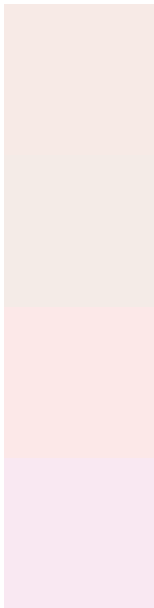
238.4040, 13.6620, 5.7100



Tritanopia

238.7330, 5.5460, 9.6260

Trichromacy

	Original Color 237.4310, 9.0320, 1.5120
	Protanomaly 237.2350, 6.6480, 0.6640
	Deuteranomaly 237.9800, 11.9200, 4.2400
	Tritanomaly 238.2230, 6.9220, 6.7140

Monochromacy

	Original Color 237.4310, 9.0320, 1.5120
	Achromatopsia 237.0000, -0.0000, -0.0000
	Achromatomaly 237.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.4310, 9.0320, 1.5120 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(247, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(247, 234, 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(247, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 234, 230) }
```

Border

The CSS property to change the border of an element to YIQ 237.4310, 9.0320, 1.5120 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(247, 234, 230) }
```


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

```
.border{ border-color:rgb(247, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 234,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 237.4310, 9.0320, 1.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 234, 230) }
```

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

```
.background{ background-color: rgb(247,  
234, 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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