

Converting Colors

YIQ(233.4310, 9.0320, 1.5120)

Have a look what the booklet for
YIQ(233.4310, 9.0320, 1.5120)
contains.

- YIQ(233.4310, 9.0320, 1.5120) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**YIQ(233.4310, 9.0320,
1.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E6E2
RGB	243, 230, 226
RGB Percent	95%, 90%, 89%
CMY	0.0470, 0.0980, 0.1137
CMYK	0.00, 0.05, 0.07, 0.05
HSL	14°, 41%, 92%
HSV	14°, 7%, 95%
XYZ	78.9888, 81.1381, 83.4567
YIQ	233.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

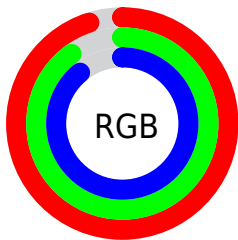
Format	Color
R _Y B	243, 231, 226
Decimal	15984354
CIE Lab	92.19, 3.74, 3.51
CIE LCh	92, 5.125, 43.167
Yxy	81.1381, 0.3243, 0.3331
Android (android.graphics.Color)	4294174434 (0xFF3E6E2)
YUV	233.4310, -3.6635, 8.3920
Hunter-Lab	90.0767, -1.1065, 8.1211

Details

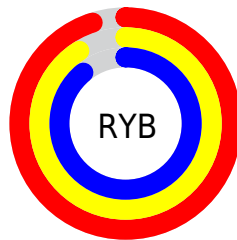
The YIQ color **233.4310, 9.0320, 1.5120** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235.5690, -9.0320, -1.5120**, and the grayscale version is **233.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **178.1320, 8.4360, 1.3000** is the 20% darker color. If you saturate the color by 10%, you get **219.5420, 21.9610, 3.9850**, and if you desaturate by 10%, it is **247.3200, -3.8970, -0.9610**.

Distribution



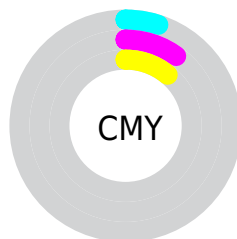
- Red (95%)
- Green (90%)
- Blue (89%)



- Red (95%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.4310, 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 233.4310, 9.0320, 1.5120 by changing the saturation by 10% instead.

233.4310, 9.0320,
1.5120

233.4310, 9.0320,
1.5120

255.0000, -0.0000,
-0.0000

205.4310, 9.0320,
1.5120

178.1320, 8.4360,
1.3000

151.1320, 8.4360,
1.3000

125.2460, 8.1150,
1.6110

99.9470, 7.5190,
1.3990

76.5340, 7.2440,
0.8760

53.6480, 6.9230,

1.1870

■ 32.3490, 6.3270,
0.9750

■ 8.6160, 9.9490,
1.4130

■ 233.4310, 9.0320,
1.5120

■ 233.4310, 9.0320,
1.5120

■ 219.5420, 21.9610,
3.9850

■ 247.3200, -3.8970,
-0.9610

■ 206.1260, 34.9360,
5.6240

■ 251.4120, -7.1520,
-2.5440

■ 192.2370, 47.8650,
8.0970

■ 178.9350, 60.5190,
10.0470

■ 165.0460, 73.4480,
12.5200

■ 151.0430, 86.6980,
14.6820

■ 137.7410, 99.3520,
16.6320

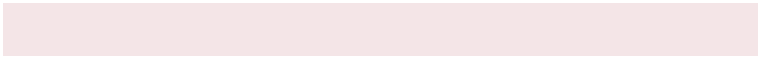
■ 123.8520,
112.2810, 19.1050

■ 110.4360,
125.2560, 20.7440

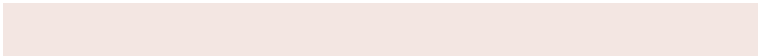
Harmonies

Analogous

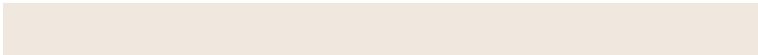
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.7130, 8.2980, 3.8020



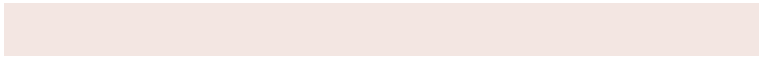
233.4310, 9.0320, 1.5120



232.7790, 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.



233.4310, 9.0320, 1.5120



231.1410, -4.9510, -3.8870



232.5420, -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.



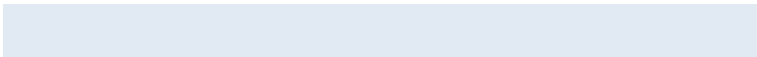
233.4310, 9.0320, 1.5120



235.5690, -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.



232.2210, -7.9320, 0.5800



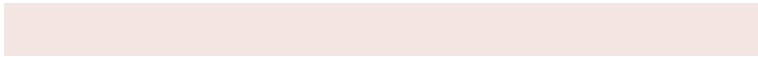
233.4310, 9.0320, 1.5120



231.4010, -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.



233.4310, 9.0320, 1.5120



231.4790, -0.0910, -3.8590



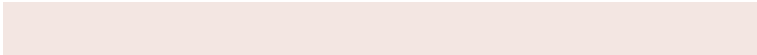
231.2700, -9.6280, -1.7240



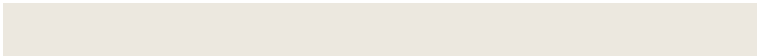
233.5210, 0.0910, 3.8590

Rectangle

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



233.4310, 9.0320, 1.5120



232.1700, 5.2730, -1.9510



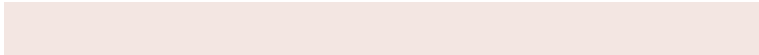
231.2700, -9.6280, -1.7240



232.5310, -5.8690, 1.7390

Sweetspot

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



233.4310, 9.0320, 1.5120



252.0820, 2.7050, 0.5370



232.5650, 5.9590, 7.6470



126.4840, 1.5130, 0.1130



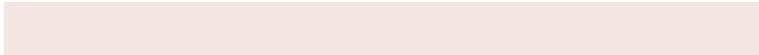
0.0000, 0.0000, 0.0000



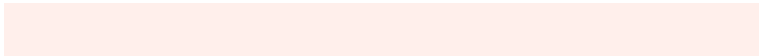
128.0000, -0.0000, -0.0000

Same Dimension

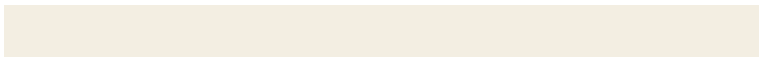
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.4310, 9.0320, 1.5120



243.3280, 10.8200, 2.1480



238.1270, 6.8320, -2.6720



115.3490, 6.3270, 0.9750



81.4420, 98.7560, 16.4200



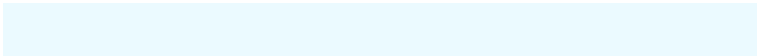
25.8590, 31.3140, 5.1860

Inverse Universe

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



235.5690, -9.0320, -1.5120



246.0850, -10.5450, -1.6250



230.8730, -6.8320, 2.6720



117.2380, -6.6020, -1.4980



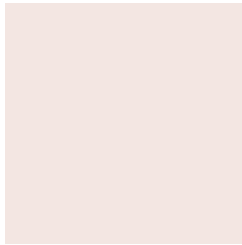
104.5580, -98.7560, -16.4200



33.1410, -31.3140, -5.1860

Previews

White Background



This preview shows how the YIQ color 233.4310, 9.0320, 1.5120 looks on a white background.

Color Contrast Check

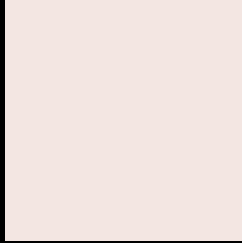
Large Text (above 18pt) WCAG AA × Fail

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 233.4310, 9.0320, 1.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

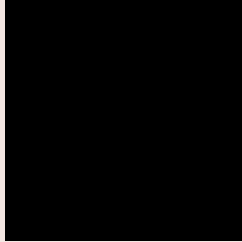
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

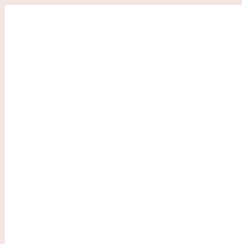
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.4310, 9.0320, 1.5120

Background



This preview shows how black text looks on a background with the YIQ color 233.4310, 9.0320, 1.5120.



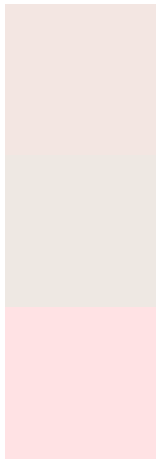
This preview shows how white text looks on a background with the YIQ color 233.4310, 9.0320,

1.5120.

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

233.4310, 9.0320, 1.5120

Protanopia

233.2240, 5.1810, -0.2830

Deuteranopia

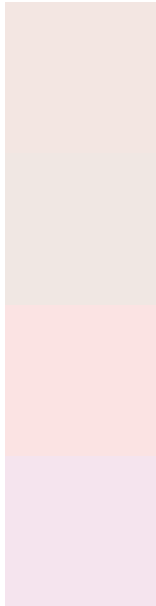
234.8990, 16.6420, 6.7700



Tritanopia

234.7330, 5.5460, 9.6260

Trichromacy



Original Color

233.4310, 9.0320, 1.5120

Protanomaly

233.2350, 6.6480, 0.6640

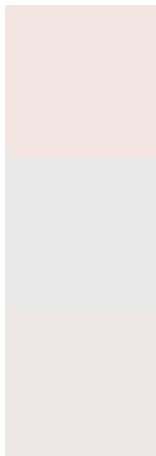
Deuteranomaly

234.1760, 14.3040, 5.0880

Tritanomaly

234.2230, 6.9220, 6.7140

Monochromacy



Original Color

233.4310, 9.0320, 1.5120

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.4310, 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(243, 230, 226)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 226)  
}
```

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(243, 230, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 226) }
```

Border

The CSS property to change the border of an element to YIQ 233.4310, 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(243, 230, 226) }
```


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

```
.border{ border-color:rgb(243, 230, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 230, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 230, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 230, 226); box-shadow:4px 4px 4px 4px rgb(243, 230, 226) }
```

Background

The CSS property to change the background color of an element to YIQ 233.4310, 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(243, 230, 226) }
```

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

```
.background{ background-color: rgb(243,  
230, 226) }
```

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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