

# Converting Colors

YIQ(234.1680, 8.7550, 12.0430)

Have a look what the booklet for  
YIQ(234.1680, 8.7550, 12.0430)  
contains.

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# Color

**YIQ(234.1680, 8.7550,  
12.0430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE0F5
RGB	250, 224, 245
RGB Percent	98%, 88%, 96%
CMY	0.0195, 0.1216, 0.0392
CMYK	0.00, 0.10, 0.02, 0.02
HSL	312°, 72%, 93%
HSV	312°, 10%, 98%
XYZ	82.5661, 80.2258, 97.5234
YIQ	234.1680, 8.7550, 12.0430

# Conversions

## Conversions Part 2

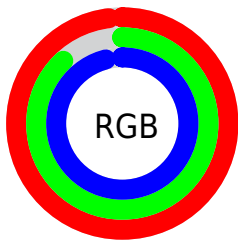
Format	Color
R <sub>Y</sub> B	250, 224, 245
Decimal	16441589
CIE Lab	91.79, 12.48, -6.95
CIE LCh	92, 14.289, 330.897
Yxy	80.2258, 0.3172, 0.3082
Android (android.graphics.Color)	4294631669 (0xFFFAE0F5)
YUV	234.1680, 5.3402, 13.8847
Hunter-Lab	89.5689, 7.7987, -1.8573

# Details

The YIQ color  $234.1680, 8.7550, 12.0430$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $239.8320, -8.7550, -12.0430$ , and the grayscale version is  $234.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $178.4560, 7.8840, 11.3080$  is the 20% darker color. If you saturate the color by 10%, you get  $218.9230, 17.2350, 23.5630$ , and if you desaturate by 10%, it is  $249.4130, 0.2750, 0.5230$ .

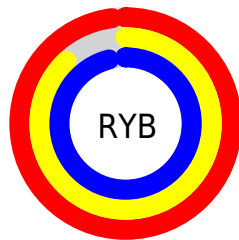
# Distribution



Red (98%)

Green (88%)

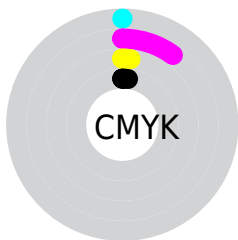
Blue (96%)



Red (98%)

Yellow (88%)

Blue (96%)

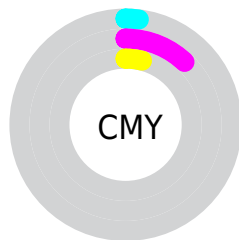


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 234.1680, 8.7550, 12.0430 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 234.1680, 8.7550, 12.0430 by changing the saturation by 10% instead.



234.1680, 8.7550,  
12.0430

234.1680, 8.7550,  
12.0430

255.0000, -0.0000,  
-0.0000

205.8690, 8.1590,  
11.8310

178.4560, 7.8840,  
11.3080

151.4560, 7.8840,  
11.3080

126.0430, 7.6090,  
10.7850

100.6300, 7.3340,  
10.2620

76.3310, 6.7380,  
10.0500

53.9180, 6.4630,

9.5270

■ 32.2060, 5.5920,  
8.7920

■ 9.8690, 8.1590,  
11.8310

■ 234.1680, 8.7550,  
12.0430

■ 234.1680, 8.7550,  
12.0430

■ 218.9230, 17.2350,  
23.5630

■ 249.4130, 0.2750,  
0.5230

■ 203.6780, 25.7150,  
35.0830

■ 253.5050, -2.9800,  
-1.0600

■ 188.5470, 33.8740,  
46.9140

■ 173.3020, 42.3540,  
58.4340

■ 158.0570, 50.8340,  
69.9540

■ 142.8120, 59.3140,  
81.4740

■ 127.5670, 67.7940,  
92.9940

■ 112.3220, 76.2740,  
104.5140

■ 97.7780, 84.1580,  
115.8220

# Harmonies

## Analogous

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



233.1710, -4.4950, 9.8810



234.1680, 8.7550, 12.0430



232.8930, 16.7790, 9.7950

# Triad

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



234.1680, 8.7550, 12.0430



231.2110, 15.2230, -6.0650



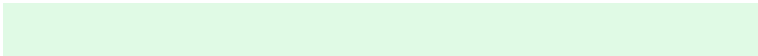
227.1260, -26.9580, -7.0380

# Complementary

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



234.1680, 8.7550, 12.0430



239.8320, -8.7550, -12.0430

# 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.



227.0140, -20.9510, -11.2790



234.1680, 8.7550, 12.0430



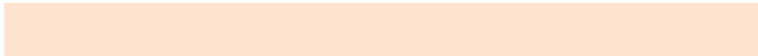
229.5300, 3.8990, -10.0930

# Square

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



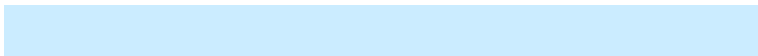
234.1680, 8.7550, 12.0430



232.6190, 23.0620, 0.5500



227.9460, -9.0760, -11.7320



228.2990, -25.7670, -1.0870

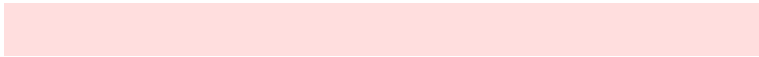


# Rectangle

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



234.1680, 8.7550, 12.0430



231.8670, 19.6680, 6.9960



227.9460, -9.0760, -11.7320



226.6700, -25.6740, -8.2820

# Sweetspot

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



234.1680, 8.7550, 12.0430



250.1900, 2.5210, 3.8730



228.4590, -5.3660, 9.1460



124.3640, 1.9710, 2.8270



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.



234.1680, 8.7550, 12.0430



236.1190, 10.4510, 14.3470



232.6860, 12.9280, 8.0000



117.1410, 4.2170, 6.1770



73.8390, 63.8520, 87.3400



23.8250, 20.6270, 28.1710



# Inverse Universe

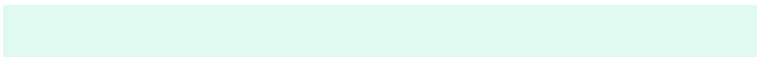
The Inverse Universe completely reimagines the original color for something new.



234.1680, 8.7550, 12.0430



236.1190, 10.4510, 14.3470



241.3140, -12.9280, -8.0000



117.1410, 4.2170, 6.1770



73.8390, 63.8520, 87.3400

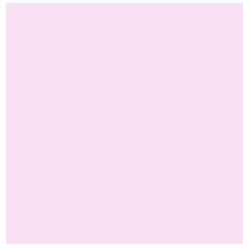


23.8250, 20.6270, 28.1710



# Previews

## White Background



This preview shows how the YIQ color 234.1680, 8.7550, 12.0430 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

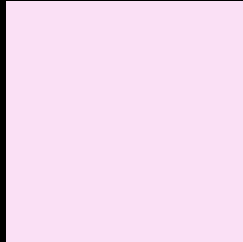
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 234.1680, 8.7550, 12.0430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

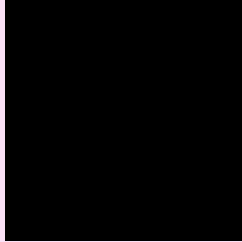
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 234.1680, 8.7550, 12.0430

## Background



This preview shows how black text looks on a background with the YIQ color 234.1680, 8.7550, 12.0430.



This preview shows how white text looks on a background with the YIQ color 234.1680, 8.7550,



# 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

234.1680, 8.7550, 12.0430

### Protanopia

232.4650, -5.5030, 6.1210

### Deuteranopia

234.1570, 7.2880, 11.0960



## Tritanopia

233.8260, 9.7180, 11.1100

# Trichromacy



## Original Color

234.1680, 8.7550, 12.0430

## Protanomaly

233.2700, -0.4600, 8.3400

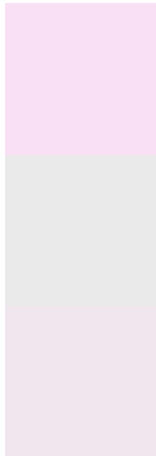
## Deuteranomaly

234.4560, 7.8840, 11.3080

## Tritanomaly

233.9400, 9.3970, 11.4210

# Monochromacy



## Original Color

234.1680, 8.7550, 12.0430

## Achromatopsia

234.0000, -0.0000, 0.0000

## Achromatomaly

233.9020, 3.3920, 4.6080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 234.1680, 8.7550, 12.0430 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, 224, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 245)  
}
```

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, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 245) }
```

## Border

The CSS property to change the border of an element to YIQ 234.1680, 8.7550, 12.0430 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, 224, 245) }
```



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

```
.border{ border-color:rgb(250, 224, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
245) }
```

# Background

The CSS property to change the background color of an element to YIQ 234.1680, 8.7550, 12.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 245) }
```

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

```
.background{ background-color: rgb(250,  
224, 245) }
```

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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