

# Converting Colors

YIQ(237.9410, 7.6560, 4.4240)

Have a look what the booklet for  
YIQ(237.9410, 7.6560, 4.4240)  
contains.

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# Color

**YIQ(237.9410, 7.6560,  
4.4240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E9ED
RGB	248, 233, 237
RGB Percent	97%, 91%, 93%
CMY	0.0274, 0.0863, 0.0706
CMYK	0.00, 0.06, 0.04, 0.03
HSL	344°, 52%, 94%
HSV	344°, 6%, 97%
XYZ	83.1391, 84.3473, 92.0249
YIQ	237.9410, 7.6560, 4.4240

# Conversions

## Conversions Part 2

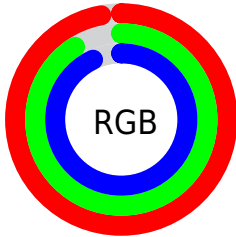
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 233, 237
Decimal	16312813
CIE Lab	93.60, 5.76, -0.13
CIE LCh	94, 5.764, 358.740
Yxy	84.3473, 0.3204, 0.3250
Android (android.graphics.Color)	4294502893 (0xFF F8E9ED)
YUV	237.9410, -0.4639, 8.8217
Hunter-Lab	91.8408, 0.8661, 4.8797

# Details

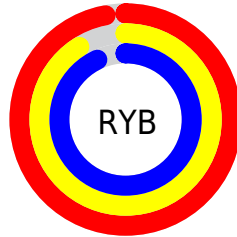
The YIQ color  $237.9410, 7.6560, 4.4240$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $243.0590, -7.6560, -4.4240$ , and the grayscale version is  $238.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $181.9410, 7.6560, 4.4240$  is the 20% darker color. If you saturate the color by 10%, you get  $221.2140, 20.3090, 11.9010$ , and if you desaturate by 10%, it is  $252.9070, -4.1720, -1.4840$ .

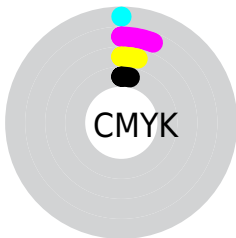
# Distribution



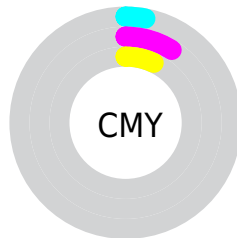
- Red (97%)
- Green (91%)
- Blue (93%)



- Red (97%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 237.9410, 7.6560, 4.4240 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 237.9410, 7.6560, 4.4240 by changing the saturation by 10% instead.



237.9410, 7.6560,  
4.4240

237.9410, 7.6560,  
4.4240

255.0000, -0.0000,  
-0.0000

209.6420, 7.0600,  
4.2120

181.9410, 7.6560,  
4.4240

155.2290, 6.7850,  
3.6890

129.2290, 6.7850,  
3.6890

104.2290, 6.7850,  
3.6890

79.9300, 6.1890,  
3.4770

57.0440, 5.8680,

3.7880

■ 35.6310, 5.5930,  
3.2650

■ 13.6420, 7.0600,  
4.2120

■ 237.9410, 7.6560,  
4.4240

■ 237.9410, 7.6560,  
4.4240

■ 221.2140, 20.3090,  
11.9010

■ 252.9070, -4.1720,  
-1.4840

■ 204.4870, 32.9620,  
19.3780

■ 188.2330, 45.6610,  
26.0210

■ 171.5060, 58.3140,  
33.4980

■ 154.7790, 70.9670,  
40.9750

■ 138.0520, 83.6200,  
48.4520

■ 121.3250, 96.2730,  
55.9290

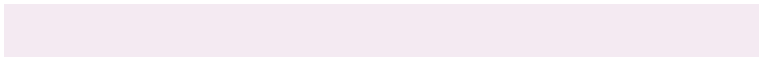
■ 105.1850,  
108.6510, 62.8830

■ 88.3440, 121.6250,  
70.0490

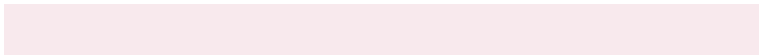
# Harmonies

## Analogous

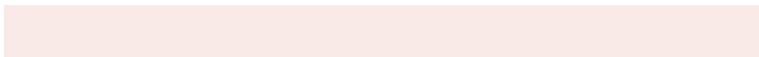
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9020, 3.3920, 4.6080



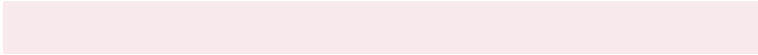
237.9410, 7.6560, 4.4240



237.5560, 10.1780, 2.7700

# Triad

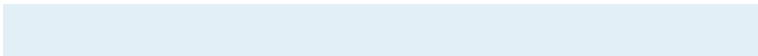
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.9410, 7.6560, 4.4240



235.8490, 1.7430, -4.0570



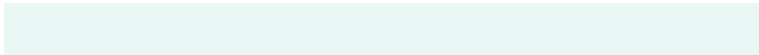
235.9110, -9.9950, -0.5790

# Complementary

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



237.9410, 7.6560, 4.4240



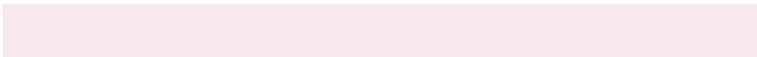
243.0590, -7.6560, -4.4240

# 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.



235.1450, -10.7740, -2.9820



237.9410, 7.6560, 4.4240



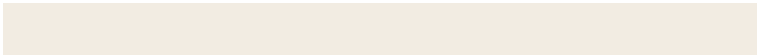
235.0980, -3.3920, -4.6080

# Square

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



237.9410, 7.6560, 4.4240



236.6540, 6.7860, -1.8380



235.0590, -7.6560, -4.4240



236.4600, -7.1070, 2.1490

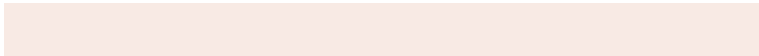


# Rectangle

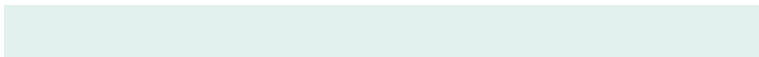
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.9410, 7.6560, 4.4240



237.5020, 10.2700, 1.1020



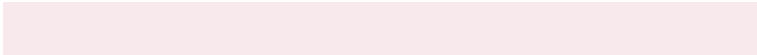
235.0590, -7.6560, -4.4240



235.1990, -10.8660, -1.3140

# Sweetspot

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



237.9410, 7.6560, 4.4240



251.6090, 2.6590, 1.3710



237.9990, 1.7410, 6.9970



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000

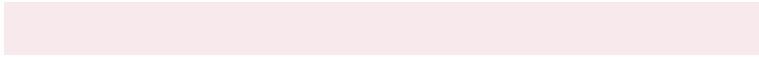


128.0000, -0.0000, -0.0000



# Same Dimension

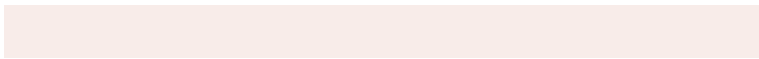
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.9410, 7.6560, 4.4240



242.9520, 9.1230, 5.3710



239.2460, 8.1150, 1.6110



118.3320, 4.9970, 3.0530



62.2110, 96.5940, 55.6180

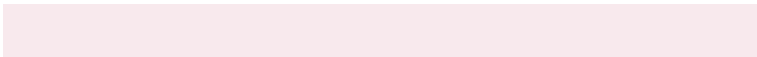


20.0630, 31.2200, 17.9080



# Inverse Universe

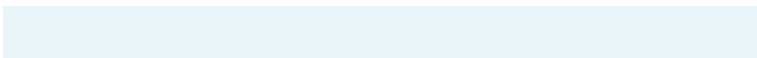
The Inverse Universe completely reimagines the original color for something new.



237.9410, 7.6560, 4.4240



242.9520, 9.1230, 5.3710



241.7540, -8.1150, -1.6110



118.3320, 4.9970, 3.0530



62.2110, 96.5940, 55.6180

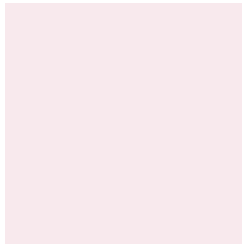


20.0630, 31.2200, 17.9080



# Previews

## White Background



This preview shows how the YIQ color 237.9410, 7.6560, 4.4240 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

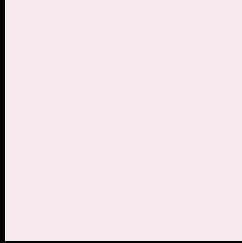
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 237.9410, 7.6560, 4.4240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

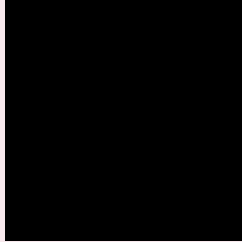
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

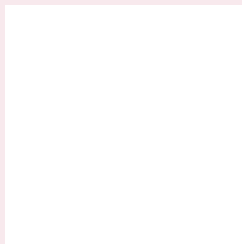
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 237.9410, 7.6560, 4.4240**

## **Background**



This preview shows how black text looks on a background with the YIQ color 237.9410, 7.6560, 4.4240.



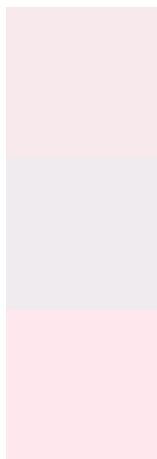
This preview shows how white text looks on a background with the YIQ color 237.9410, 7.6560,

4.4240.

# 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

237.9410, 7.6560, 4.4240

### Protanopia

236.8370, 2.0170, 1.9930

### Deuteranopia

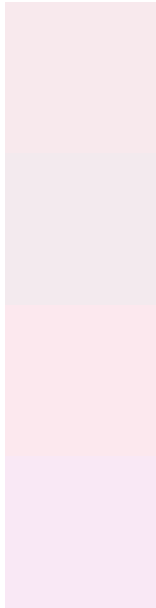
238.9740, 12.0570, 7.2650



## Tritanopia

238.7330, 5.5460, 9.6260

# Trichromacy



## Original Color

237.9410, 7.6560, 4.4240

## Protanomaly

237.1470, 4.0800, 3.1520

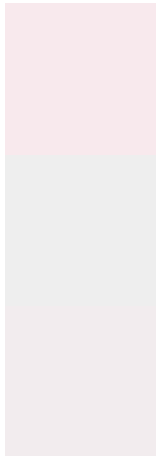
## Deuteranomaly

238.6640, 9.9940, 6.1060

## Tritanomaly

238.5650, 5.9590, 7.6470

# Monochromacy



## Original Color

237.9410, 7.6560, 4.4240

## Achromatopsia

238.0000, -0.0000, 0.0000

## Achromatomaly

238.0220, 2.9340, 1.8940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 237.9410, 7.6560, 4.4240 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(248, 233, 237)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 237)  
}
```

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(248, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 237) }
```

## Border

The CSS property to change the border of an element to YIQ 237.9410, 7.6560, 4.4240 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(248, 233, 237) }
```



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

```
.border{ border-color:rgb(248, 233, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 233, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
237) }
```

# Background

The CSS property to change the background color of an element to YIQ 237.9410, 7.6560, 4.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 237) }
```

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

```
.background{ background-color: rgb(248,  
233, 237) }
```

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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