

# Converting Colors

YIQ(230.4360, 10.6360, 5.4840)

Have a look what the booklet for  
YIQ(230.4360, 10.6360, 5.4840)  
contains.

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# Color

**YIQ(230.4360, 10.6360,  
5.4840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E0E4
RGB	244, 224, 228
RGB Percent	96%, 88%, 89%
CMY	0.0431, 0.1216, 0.1058
CMYK	0.00, 0.08, 0.07, 0.04
HSL	348°, 48%, 92%
HSV	348°, 8%, 96%
XYZ	77.9710, 78.1442, 84.3799
YIQ	230.4360, 10.6360, 5.4840

# Conversions

## Conversions Part 2

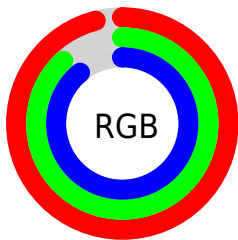
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 224, 228
Decimal	16048356
CIE Lab	90.85, 7.52, 0.51
CIE LCh	91, 7.536, 3.887
Yxy	78.1442, 0.3242, 0.3249
Android (android.graphics.Color)	4294238436 (0xFFFF4E0E4)
YUV	230.4360, -1.2009, 11.8956
Hunter-Lab	88.3992, 2.7444, 5.2852

# Details

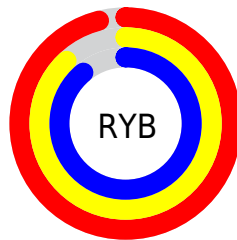
The YIQ color  $230.4360, 10.6360, 5.4840$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $237.5640, -10.6360, -5.4840$ , and the grayscale version is  $230.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $175.1370, 10.0400, 5.2720$  is the 20% darker color. If you saturate the color by 10%, you get  $214.1820, 23.3350, 12.1270$ , and if you desaturate by 10%, it is  $246.8040, -2.3840, -0.8480$ .

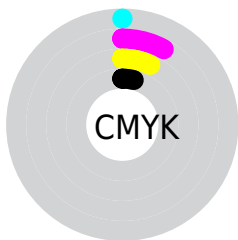
# Distribution



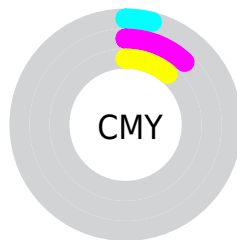
- Red (96%)
- Green (88%)
- Blue (89%)



- Red (96%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 230.4360, 10.6360, 5.4840 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 230.4360, 10.6360, 5.4840 by changing the saturation by 10% instead.





 230.4360, 10.6360,  
5.4840

 230.4360, 10.6360,  
5.4840


255.0000, -0.0000,  
-0.0000


 202.4360, 10.6360,  
5.4840

 175.1370, 10.0400,  
5.2720

 148.1370, 10.0400,  
5.2720

 122.4250, 9.1690,  
4.5370

 97.5390, 8.8480,  
4.8480

 74.1260, 8.5730,  
4.3250

 50.9410, 7.6560,

4.4240

■ 29.6420, 7.0600,  
4.2120

■ 6.2080, 11.2780,  
4.8620

■ 230.4360, 10.6360,  
5.4840

■ 230.4360, 10.6360,  
5.4840

■ 214.1820, 23.3350,  
12.1270

■ 246.8040, -2.3840,  
-0.8480

■ 197.2270, 36.6300,  
18.9820

■ 251.7110, -6.5560,  
-2.3320

■ 180.8590, 49.6500,  
25.3140

■ 164.0180, 62.6240,  
32.4800

■ 147.6500, 75.6440,  
38.8120

■ 131.3960, 88.3430,  
45.4550

■ 114.4410,  
101.6380, 52.3100

■ 98.1870, 114.3370,  
58.9530

■ 81.2320, 127.6320,  
65.8080

# Harmonies

## Analogous

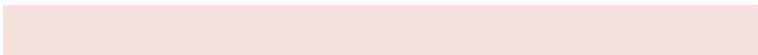
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.3260, 5.1340, 6.0780



230.4360, 10.6360, 5.4840



230.5240, 13.2040, 2.9960

# Triad

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



230.4360, 10.6360, 5.4840



227.9090, 1.5140, -5.4140



227.3560, -12.7460, -0.2820

# Complementary

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



230.4360, 10.6360, 5.4840



237.5640, -10.6360, -5.4840

# Split Complementary

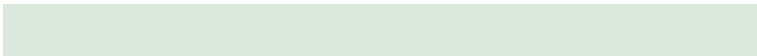
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.0630, -13.4790, -3.5190



230.4360, 10.6360, 5.4840



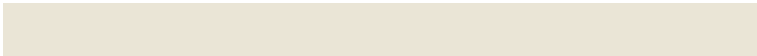
226.6740, -5.1340, -6.0780

# Square

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



230.4360, 10.6360, 5.4840



228.7850, 7.7950, -3.6050



226.5640, -10.6360, -5.4840



228.8020, -8.0700, 3.0820

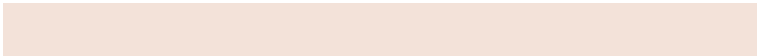


# Rectangle

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



230.4360, 10.6360, 5.4840



230.0570, 13.0210, 0.8050



226.5640, -10.6360, -5.4840



227.5300, -13.2960, -1.3280

# Sweetspot

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



230.4360, 10.6360, 5.4840



251.6090, 2.6590, 1.3710



231.0640, 3.1160, 9.6120



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

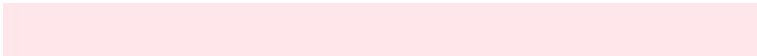


# Same Dimension

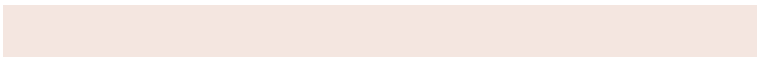
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4360, 10.6360, 5.4840



238.0450, 13.2950, 6.8550



233.5020, 10.2700, 1.1020



113.9300, 6.1890, 3.4770



59.8320, 98.9790, 50.9390



19.0090, 31.3120, 16.2400



# Inverse Universe

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



230.4360, 10.6360, 5.4840



238.0450, 13.2950, 6.8550



234.4980, -10.2700, -1.1020



113.9300, 6.1890, 3.4770



59.8320, 98.9790, 50.9390

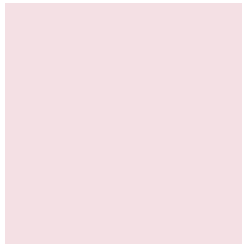


19.0090, 31.3120, 16.2400



# Previews

## White Background



This preview shows how the YIQ color 230.4360, 10.6360, 5.4840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

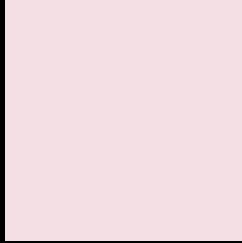
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 230.4360, 10.6360, 5.4840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

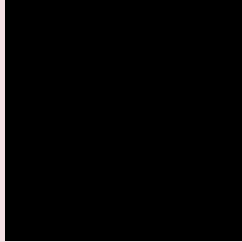
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 230.4360, 10.6360, 5.4840

## Background



This preview shows how black text looks on a background with the YIQ color 230.4360, 10.6360, 5.4840.



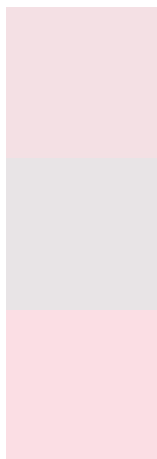
This preview shows how white text looks on a background with the YIQ color 230.4360, 10.6360,

5.4840.

# 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

230.4360, 10.6360, 5.4840

### Protanopia

229.4240, 1.7420, 1.4700

### Deuteranopia

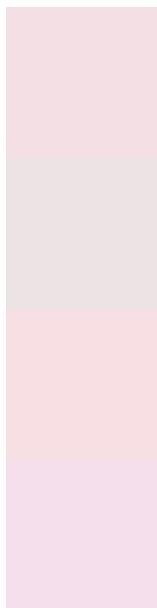
231.3550, 15.3580, 8.0140



## Tritanopia

231.2280, 8.5260, 10.6860

# Trichromacy



## Original Color

230.4360, 10.6360, 5.4840

## Protanomaly

229.9190, 4.7220, 2.5300

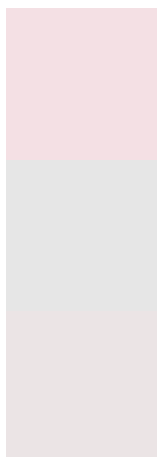
## Deuteranomaly

231.0450, 13.2950, 6.8550

## Tritanomaly

231.0600, 8.9390, 8.7070

# Monochromacy



## Original Color

230.4360, 10.6360, 5.4840

## Achromatopsia

230.0000, -0.0000, 0.0000

## Achromatomaly

230.2070, 3.8510, 1.7950

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 230.4360, 10.6360, 5.4840 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(244, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 228)  
}
```

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(244, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 228) }
```

## Border

The CSS property to change the border of an element to YIQ 230.4360, 10.6360, 5.4840 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(244, 224, 228) }
```



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

```
.border{ border-color:rgb(244, 224, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
228) }
```

# Background

The CSS property to change the background color of an element to YIQ 230.4360, 10.6360, 5.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 228) }
```

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

```
.background{ background-color: rgb(244,  
224, 228) }
```

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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