

# Converting Colors

YIQ(235.0930, 13.3400, 11.5480)

Have a look what the booklet for  
YIQ(235.0930, 13.3400, 11.5480)  
contains.

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# Color

**YIQ(235.0930, 13.3400,  
11.5480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE0F0
RGB	255, 224, 240
RGB Percent	100%, 88%, 94%
CMY	0.0000, 0.1216, 0.0588
CMYK	0.00, 0.12, 0.06, 0.00
HSL	329°, 100%, 94%
HSV	329°, 12%, 100%
XYZ	83.6219, 80.8562, 93.6456
YIQ	235.0930, 13.3400, 11.5480

# Conversions

## Conversions Part 2

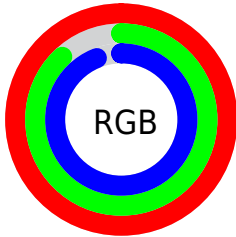
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 224, 240
Decimal	16769264
CIE <sub>Lab</sub>	92.07, 13.30, -3.87
CIE <sub>LCh</sub>	92, 13.849, 343.754
Yxy	80.8562, 0.3240, 0.3132
Android (android.graphics.Color)	4294959344 (0xFFFFE0F0)
YUV	235.0930, 2.4192, 17.4584
Hunter-Lab	89.9201, 8.6373, 1.1976

# Details

The YIQ color  $235.0930, 13.3400, 11.5480$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $243.9070, -13.3400, -11.5480$ , and the grayscale version is  $235.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $179.3810, 12.4690, 10.8130$  is the 20% darker color. If you saturate the color by 10%, you get  $218.4630, 24.3420, 21.4140$ , and if you desaturate by 10%, it is  $251.1360, 2.6130, 2.2050$ .

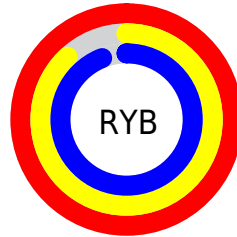
# Distribution



Red (100%)

Green (88%)

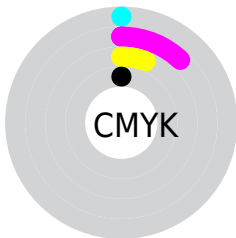
Blue (94%)



Red (100%)

Yellow (88%)

Blue (94%)

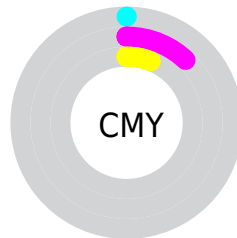


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 235.0930, 13.3400, 11.5480 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 235.0930, 13.3400, 11.5480 by changing the saturation by 10% instead.





 235.0930, 13.3400,  
11.5480


 235.0930, 13.3400,  
11.5480


255.0000, -0.0000,  
-0.0000


 206.7940, 12.7440,  
11.3360

 179.3810, 12.4690,  
10.8130

 152.3810, 12.4690,  
10.8130

 126.6690, 11.5980,  
10.0780

 101.3700, 11.0020,  
9.8660

 77.0710, 10.4060,  
9.6540

 54.6580, 10.1310,

9.1310

■ 32.9460, 9.2600,  
8.3960

■ 10.1960, 11.5520,  
10.9120

■ 235.0930, 13.3400,  
11.5480

■ 235.0930, 13.3400,  
11.5480

■ 218.4630, 24.3420,  
21.4140

■ 251.1360, 2.6130,  
2.2050

■ 202.3060, 35.3900,  
30.4460

255.0000, -0.0000,  
-0.0000

■ 185.6760, 46.3920,  
40.3120

■ 169.6330, 57.1190,  
49.6550

■ 152.8890, 68.4420,  
59.2100

■ 136.8460, 79.1690,  
68.5530

■ 120.2160, 90.1710,  
78.4190

■ 104.0590,  
101.2190, 87.4510

■ 91.2930, 109.6080,  
95.1120

# Harmonies

## Analogous

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



234.3350, 0.9150, 10.9550



235.0930, 13.3400, 11.5480



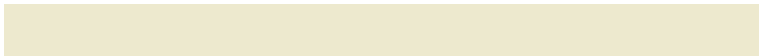
232.9100, 18.1090, 7.7170

# Triad

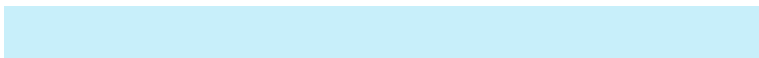
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.0930, 13.3400, 11.5480



231.1180, 11.0510, -7.5490



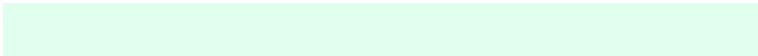
228.5930, -26.7750, -4.8470

# Complementary

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



235.0930, 13.3400, 11.5480



243.9070, -13.3400, -11.5480

# 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.



227.8120, -23.1980, -9.1020



235.0930, 13.3400, 11.5480



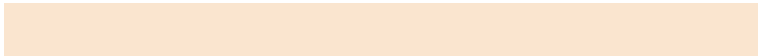
229.4800, -1.8320, -10.8560

# Square

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



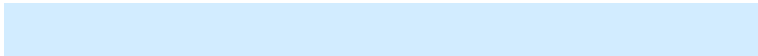
235.0930, 13.3400, 11.5480



232.7710, 19.5780, -2.3900



228.6080, -13.9360, -11.7600



230.3920, -21.5950, 0.3970

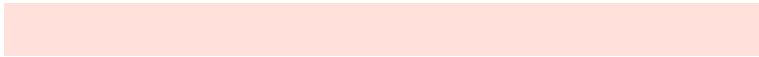


# Rectangle

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



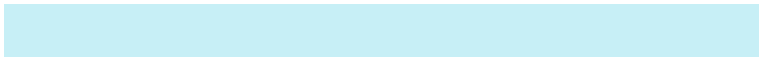
235.0930, 13.3400, 11.5480



232.5850, 20.4020, 4.7060



228.6080, -13.9360, -11.7600



227.8380, -26.0870, -6.3030

# Sweetspot

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



235.0930, 13.3400, 11.5480



248.5600, 4.3550, 3.6750



232.0190, -1.0110, 12.8210



123.4350, 3.2090, 2.4170



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

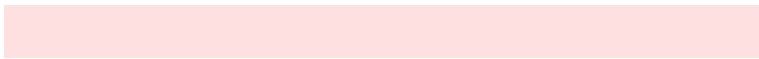
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.0930, 13.3400, 11.5480



230.6420, 16.2280, 14.2760



233.3830, 18.1550, 6.8830



119.5710, 5.8220, 4.6220



68.3950, 82.0570, 71.2810



22.8980, 27.5510, 23.8310



# Inverse Universe

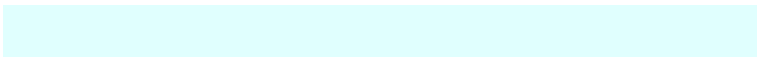
The Inverse Universe completely reimagines the original color for something new.



235.0930, 13.3400, 11.5480



230.6420, 16.2280, 14.2760



245.6170, -18.1550, -6.8830



119.5710, 5.8220, 4.6220



68.3950, 82.0570, 71.2810

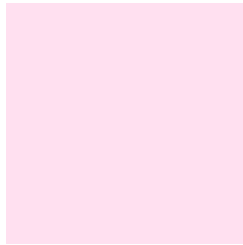


22.8980, 27.5510, 23.8310



# Previews

## White Background



This preview shows how the YIQ color 235.0930, 13.3400, 11.5480 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

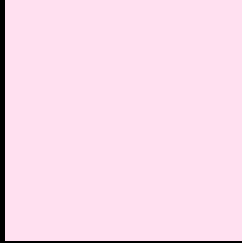
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 235.0930, 13.3400, 11.5480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

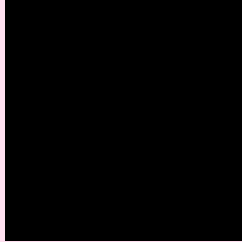
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 235.0930, 13.3400, 11.5480

## Background



This preview shows how black text looks on a background with the YIQ color 235.0930, 13.3400, 11.5480.



This preview shows how white text looks on a background with the YIQ color 235.0930, 13.3400,

11.5480.

# 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

235.0930, 13.3400, 11.5480

### Protanopia

233.0800, -2.9810, 4.4670

### Deuteranopia

234.4840, 10.6810, 10.1770



## Tritanopia

235.2070, 13.0190, 11.8590

# Trichromacy



## Original Color

235.0930, 13.3400, 11.5480

## Protanomaly

233.5970, 2.9330, 7.4210

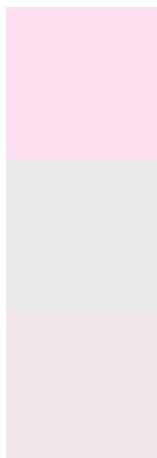
## Deuteranomaly

234.7830, 11.2770, 10.3890

## Tritanomaly

235.2070, 13.0190, 11.8590

# Monochromacy



## Original Color

235.0930, 13.3400, 11.5480

## Achromatopsia

235.0000, 0.0000, -0.0000

## Achromatomaly

234.9730, 4.6300, 4.1980

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 235.0930, 13.3400, 11.5480 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(255, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 240)  
}
```

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(255, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 240) }
```

## Border

The CSS property to change the border of an element to YIQ 235.0930, 13.3400, 11.5480 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(255, 224, 240) }
```



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

```
.border{ border-color:rgb(255, 224, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
240) }
```

# Background

The CSS property to change the background color of an element to YIQ 235.0930, 13.3400, 11.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 240) }
```

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

```
.background{ background-color: rgb(255,  
224, 240) }
```

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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