

# Converting Colors

YIQ(239.2820, 8.4340, 12.3540)

Have a look what the booklet for  
YIQ(239.2820, 8.4340, 12.3540)  
contains.

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# Color

**YIQ(239.2820, 8.4340,  
12.3540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE5FB
RGB	255, 229, 251
RGB Percent	100%, 90%, 98%
CMY	0.0000, 0.1020, 0.0157
CMYK	0.00, 0.10, 0.02, 0.00
HSL	309°, 100%, 95%
HSV	309°, 10%, 100%
XYZ	86.6696, 84.2579, 102.9657
YIQ	239.2820, 8.4340, 12.3540

# Conversions

## Conversions Part 2

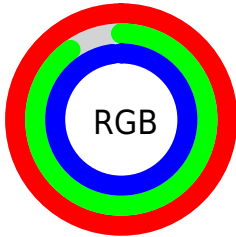
Format	Color
R <sub>Y</sub> B	255, 229, 251
Decimal	16770555
CIE Lab	93.56, 12.60, -7.41
CIE LCh	94, 14.620, 329.554
Yxy	84.2579, 0.3164, 0.3076
Android (android.graphics.Color)	4294960635 (0xFFFFE5FB)
YUV	239.2820, 5.7770, 13.7847
Hunter-Lab	91.7921, 7.9024, -2.2527

# Details

The YIQ color  $239.2820, 8.4340, 12.3540$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $244.7180, -8.4340, -12.3540$ , and the grayscale version is  $239.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $183.4560, 7.8840, 11.3080$  is the 20% darker color. If you saturate the color by 10%, you get  $223.5640, 16.8680, 24.7080$ , and if you desaturate by 10%, it is  $254.4130, 0.2750, 0.5230$ .

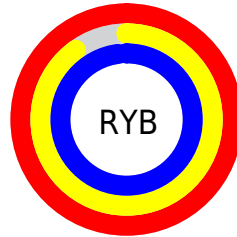
# Distribution



Red (100%)

Green (90%)

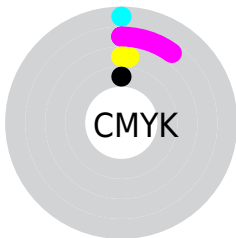
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

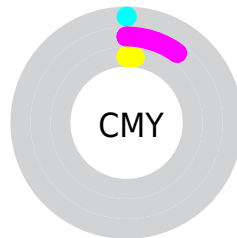


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 239.2820, 8.4340, 12.3540 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 239.2820, 8.4340, 12.3540 by changing the saturation by 10% instead.



 239.2820, 8.4340,  
12.3540


 239.2820, 8.4340,  
12.3540

255.0000, -0.0000,  
-0.0000

 210.8690, 8.1590,  
11.8310

 182.9830, 7.8380,  
12.1420

 156.4560, 7.8840,  
11.3080

 130.1570, 7.2880,  
11.0960

 104.7440, 7.0130,  
10.5730

 80.7440, 7.0130,  
10.5730

 57.9180, 6.4630,

9.5270

■ 35.6190, 5.8670,  
9.3150

■ 13.5700, 7.5630,  
11.6190

■ 239.2820, 8.4340,  
12.3540

■ 239.2820, 8.4340,  
12.3540

■ 223.5640, 16.8680,  
24.7080

254.4130, 0.2750,  
0.5230

■ 208.4330, 25.0270,  
36.5390

255.0000, -0.0000,  
-0.0000

■ 192.7150, 33.4610,  
48.8930

■ 177.5840, 41.6200,  
60.7240

■ 161.8660, 50.0540,  
73.0780

■ 146.8490, 57.8920,  
85.2200

■ 131.1310, 66.3260,  
97.5740

■ 116.0000, 74.4850,  
109.4050

■ 100.8690, 82.6440,  
121.2360

# Harmonies

## Analogous

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



237.3020, -3.4860, 8.1140



239.2820, 8.4340, 12.3540



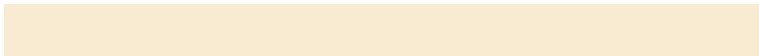
236.5120, 13.4780, 9.0460

# Triad

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



239.2820, 8.4340, 12.3540



235.9230, 16.0940, -5.3300



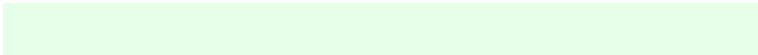
231.8270, -27.5540, -7.2500

# Complementary

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



239.2820, 8.4340, 12.3540



244.7180, -8.4340, -12.3540

# 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.



232.0140, -20.9510, -11.2790



239.2820, 8.4340, 12.3540



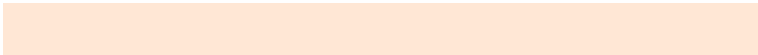
234.7150, 4.8160, -10.1920

# Square

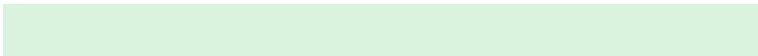
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



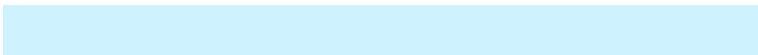
239.2820, 8.4340, 12.3540



236.1240, 20.0820, -0.5100



232.8320, -8.7550, -12.0430



233.0170, -25.0330, -3.3770

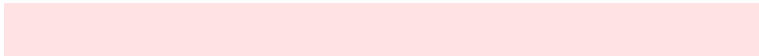


# Rectangle

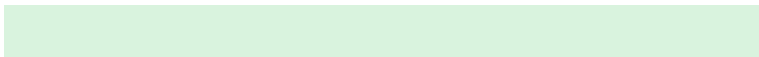
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.2820, 8.4340, 12.3540



235.4860, 16.3670, 6.2470



232.8320, -8.7550, -12.0430



231.8440, -26.2240, -9.3280

# Sweetspot

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



239.2820, 8.4340, 12.3540



250.1900, 2.5210, 3.8730



233.1600, -5.9620, 8.9340



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.



239.2820, 8.4340, 12.3540



236.2330, 10.1300, 14.6580



237.8000, 12.6070, 8.3110



120.1410, 4.2170, 6.1770



75.5770, 61.8340, 90.8740



25.2920, 20.8100, 30.3620



# Inverse Universe

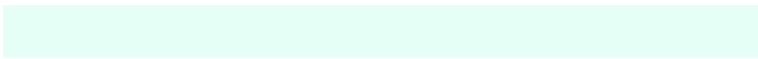
The Inverse Universe completely reimagines the original color for something new.



239.2820, 8.4340, 12.3540



236.2330, 10.1300, 14.6580



246.2000, -12.6070, -8.3110



120.1410, 4.2170, 6.1770



75.5770, 61.8340, 90.8740



25.2920, 20.8100, 30.3620



# Previews

## White Background



This preview shows how the YIQ color 239.2820, 8.4340, 12.3540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

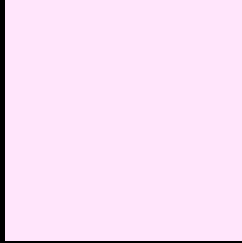
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 239.2820, 8.4340, 12.3540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

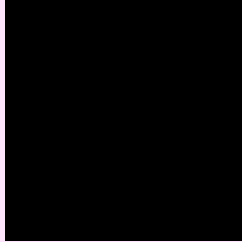
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 239.2820, 8.4340, 12.3540

## Background



This preview shows how black text looks on a background with the YIQ color 239.2820, 8.4340, 12.3540.



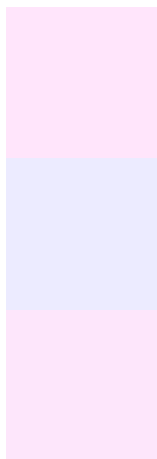
This preview shows how white text looks on a background with the YIQ color 239.2820, 8.4340,

12.3540.

# 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

239.2820, 8.4340, 12.3540

### Protanopia

237.5790, -5.8240, 6.4320

### Deuteranopia

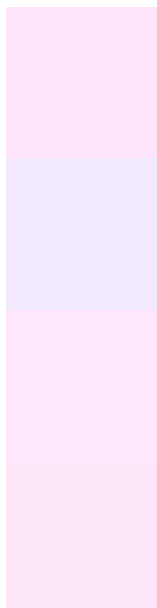
239.2710, 6.9670, 11.4070



## Tritanopia

239.2280, 8.5260, 10.6860

# Trichromacy



## Original Color

239.2820, 8.4340, 12.3540

## Protanomaly

238.3840, -0.7810, 8.6510

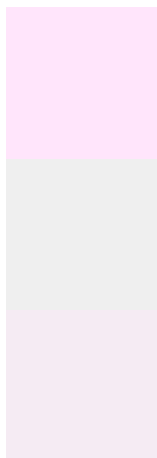
## Deuteranomaly

239.5700, 7.5630, 11.6190

## Tritanomaly

239.3420, 8.2050, 10.9970

# Monochromacy



## Original Color

239.2820, 8.4340, 12.3540

## Achromatopsia

239.0000, -0.0000, -0.0000

## Achromatomaly

238.9020, 3.3920, 4.6080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 239.2820, 8.4340, 12.3540 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, 229, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 251)  
}
```

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, 229, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 251) }
```

## Border

The CSS property to change the border of an element to YIQ 239.2820, 8.4340, 12.3540 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, 229, 251) }
```



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

```
.border{ border-color:rgb(255, 229, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
251) }
```

# Background

The CSS property to change the background color of an element to YIQ 239.2820, 8.4340, 12.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 251) }
```

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

```
.background{ background-color: rgb(255,  
229, 251) }
```

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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