

# Converting Colors

YIQ(234.9500, 3.4370, 9.3010)

Have a look what the booklet for  
YIQ(234.9500, 3.4370, 9.3010)  
contains.

<b>YIQ(234.9500, 3.4370, 9.3010)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(234.9500, 3.4370,  
9.3010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4E4F7
RGB	244, 228, 247
RGB Percent	96%, 89%, 97%
CMY	0.0431, 0.1059, 0.0314
CMYK	0.01, 0.08, 0.00, 0.03
HSL	291°, 54%, 93%
HSV	291°, 8%, 97%
XYZ	81.8427, 81.4339, 99.4002
YIQ	234.9500, 3.4370, 9.3010

# Conversions

## Conversions Part 2

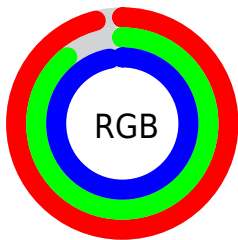
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 228, 247
Decimal	16049399
CIE <sub>Lab</sub>	92.32, 8.77, -7.25
CIE <sub>LCh</sub>	92, 11.377, 320.408
Yxy	81.4339, 0.3116, 0.3100
Android (android.graphics.Color)	4294239479 (0xFFFF4E4F7)
YUV	234.9500, 5.9407, 7.9369
Hunter-Lab	90.2407, 3.9670, -2.1395

# Details

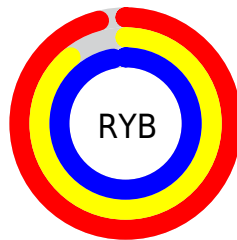
The YIQ color  $234.9500, 3.4370, 9.3010$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $240.0500, -3.4370, -9.3010$ , and the grayscale version is  $235.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $179.5370, 3.1620, 8.7780$  is the 20% darker color. If you saturate the color by 10%, you get  $219.0790, 7.9280, 21.5280$ , and if you desaturate by 10%, it is  $250.8210, -1.0540, -2.9260$ .

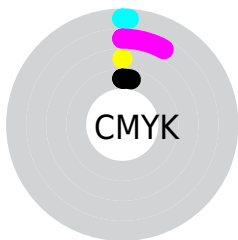
# Distribution



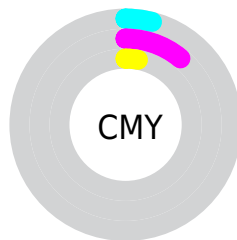
- Red (96%)
- Green (89%)
- Blue (97%)



- Red (96%)
- Yellow (89%)
- Blue (97%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (11%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 234.9500, 3.4370, 9.3010 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 234.9500, 3.4370, 9.3010 by changing the saturation by 10% instead.



234.9500, 3.4370,  
9.3010

234.9500, 3.4370,  
9.3010

255.0000, -0.0000,  
-0.0000

206.9500, 3.4370,  
9.3010

179.5370, 3.1620,  
8.7780

152.5370, 3.1620,  
8.7780

126.4230, 3.4830,  
8.4670

101.7110, 2.6120,  
7.7320

77.7110, 2.6120,  
7.7320

54.5970, 2.9330,

7.4210

■ 33.1840, 2.6580,  
6.8980

■ 9.6620, 4.3080,  
10.0360

■ 234.9500, 3.4370,  
9.3010

■ 234.9500, 3.4370,  
9.3010

■ 219.0790, 7.9280,  
21.5280

■ 250.8210, -1.0540,  
-2.9260

■ 203.7950, 12.1440,  
33.2320

■ 253.1910, 0.7800,  
-3.1240

■ 187.9240, 16.6350,  
45.4590

■ 254.0880, 2.5680,  
-2.4880

■ 172.0530, 21.1260,  
57.6860

■ 156.4810, 26.2130,  
70.1250

■ 141.1970, 30.4290,  
81.8290

■ 125.3260, 34.9200,  
94.0560

■ 109.4550, 39.4110,  
106.2830

■ 94.1710, 43.6270,  
117.9870

# Harmonies

## Analogous

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



233.5080, -7.0620, 6.8420



234.9500, 3.4370, 9.3010



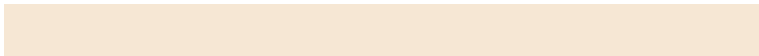
235.3270, 12.5610, 9.1450

# Triad

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



234.9500, 3.4370, 9.3010



233.3190, 15.0390, -2.7290



229.2470, -19.9890, -6.6850

# Complementary

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



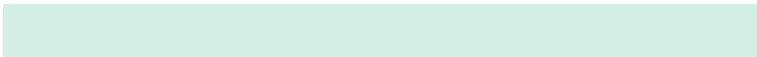
234.9500, 3.4370, 9.3010



240.0500, -3.4370, -9.3010

# 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.



229.4880, -13.4780, -9.0460



234.9500, 3.4370, 9.3010



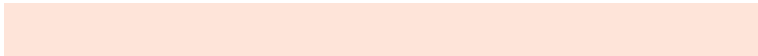
232.0790, 6.7870, -7.3650

# Square

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



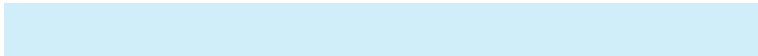
234.9500, 3.4370, 9.3010



234.5200, 19.0270, 2.0910



230.7510, -4.0330, -9.5130



230.2840, -21.4110, -2.9390

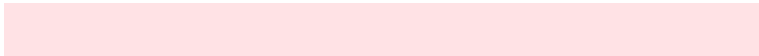


# Rectangle

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



234.9500, 3.4370, 9.3010



235.0130, 16.3210, 7.0810



230.7510, -4.0330, -9.5130



229.6770, -18.3840, -8.2400

# Sweetspot

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



234.9500, 3.4370, 9.3010



251.7660, 0.7790, 2.4030



231.9270, -6.9240, 4.3400



125.9400, 0.2290, 1.3570



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.



234.9500, 3.4370, 9.3010



240.3030, 3.9410, 11.1810



235.1630, 7.1510, 8.0710



114.3580, 2.1080, 5.8520



68.1470, 33.8660, 91.1300



21.3770, 10.2650, 28.7370



# Inverse Universe

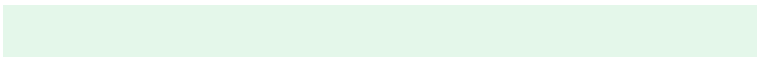
The Inverse Universe completely reimagines the original color for something new.



234.0230, 10.3610, 4.9610



239.3330, 12.4240, 6.1200



239.8370, -7.1510, -8.0710



113.8160, 6.5100, 3.1660



58.9200, 101.5470, 48.4510

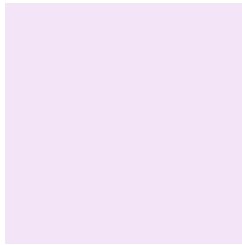


18.6670, 32.2750, 15.3070



# Previews

## White Background



This preview shows how the YIQ color 234.9500, 3.4370, 9.3010 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

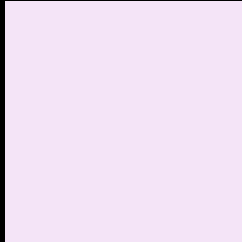
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 234.9500, 3.4370, 9.3010 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

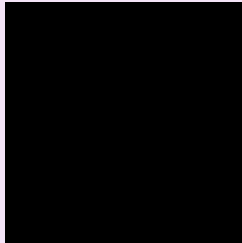
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 234.9500, 3.4370, 9.3010**

## **Background**



This preview shows how black text looks on a background with the YIQ color 234.9500, 3.4370, 9.3010.



This preview shows how white text looks on a background with the YIQ color 234.9500, 3.4370,

9.3010.

# 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

234.9500, 3.4370, 9.3010

### Protanopia

233.9380, -5.4570, 5.2870

### Deuteranopia

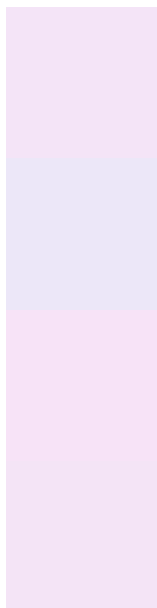
235.2710, 6.9670, 11.4070



## **Tritanopia**

234.8360, 3.7580, 8.9900

# Trichromacy



## Original Color

234.9500, 3.4370, 9.3010

## Protanomaly

234.4330, -2.4770, 6.3470

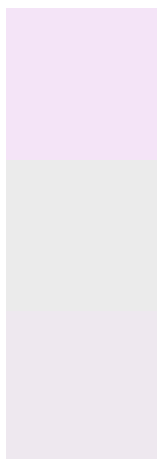
## Deuteranomaly

235.2600, 5.5000, 10.4600

## Tritanomaly

234.8360, 3.7580, 8.9900

# Monochromacy



## Original Color

234.9500, 3.4370, 9.3010

## Achromatopsia

235.0000, 0.0000, -0.0000

## Achromatomaly

234.5920, 1.3290, 3.4490

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 234.9500, 3.4370, 9.3010 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, 228, 247)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 247)  
}
```

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, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 247) }
```

## Border

The CSS property to change the border of an element to YIQ 234.9500, 3.4370, 9.3010 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, 228, 247) }
```



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

```
.border{ border-color:rgb(244, 228, 247) }
```

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

Here you see how a box with a 4 pixel rgb(244, 228, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
247) }
```

# Background

The CSS property to change the background color of an element to YIQ 234.9500, 3.4370, 9.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 247) }
```

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

```
.background{ background-color: rgb(244,  
228, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor