

# Converting Colors

YIQ(229.3670, -2.1110, 10.7290)

Have a look what the booklet for  
YIQ(229.3670, -2.1110, 10.7290)  
contains.

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# Color

**YIQ(229.3670, -2.1110,  
10.7290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EADFFA
RGB	234, 223, 250
RGB Percent	92%, 87%, 98%
CMY	0.0823, 0.1255, 0.0196
CMYK	0.06, 0.11, 0.00, 0.02
HSL	264°, 73%, 93%
HSV	264°, 11%, 98%
XYZ	77.5759, 77.1689, 101.2427
YIQ	229.3670, -2.1110, 10.7290

# Conversions

## Conversions Part 2

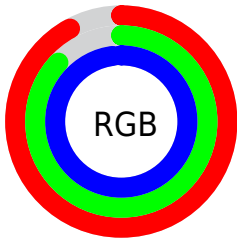
<b>Format</b>	<b>Color</b>
<b>RYB</b>	234, 223, 250
Decimal	15392762
CIELab	90.40, 8.65, -11.76
CIELCh	90, 14.600, 306.335
Yxy	77.1689, 0.3030, 0.3015
Android (android.graphics.Color)	4293582842 (0xFFEADFFFA)
YUV	229.3670, 10.1721, 4.0631
Hunter-Lab	87.8458, 3.9017, -6.8400

# Details

The YIQ color  $229.3670, -2.1110, 10.7290$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $243.6330, 2.1110, -10.7290$ , and the grayscale version is  $229.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $173.9540, -2.3860, 10.2060$  is the 20% darker color. If you saturate the color by 10%, you get  $210.2070, -4.1760, 20.6240$ , and if you desaturate by 10%, it is  $248.5270, -0.0460, 0.8340$ .

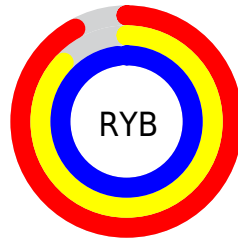
# Distribution



Red (92%)

Green (87%)

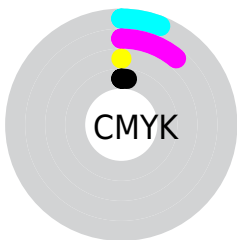
Blue (98%)



Red (92%)

Yellow (87%)

Blue (98%)

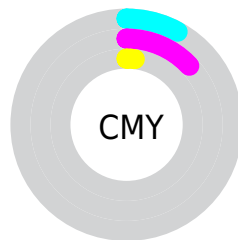


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (13%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3670, -2.1110, 10.7290 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 229.3670, -2.1110, 10.7290 by changing the saturation by 10% instead.



■ 229.3670, -2.1110,  
10.7290

■ 229.3670, -2.1110,  
10.7290

255.0000, -0.0000,  
-0.0000

■ 201.2530, -1.7900,  
10.4180

■ 173.9540, -2.3860,  
10.2060

■ 146.8400, -2.0650,  
9.8950

■ 121.4270, -2.3400,  
9.3720

■ 96.3130, -2.0190,  
9.0610

■ 72.9000, -2.2940,  
8.5380

■ 50.3730, -2.2480,

7.7040

■ 29.2590, -1.9270,  
7.3930

■ 5.7260, -1.7440,  
9.5840

■ 229.3670, -2.1110,  
10.7290

■ 229.3670, -2.1110,  
10.7290

■ 210.2070, -4.1760,  
20.6240

■ 248.5270, -0.0460,  
0.8340

■ 191.0470, -6.2410,  
30.5190

■ 254.4300, 1.6050,  
-1.5550

■ 172.1860, -7.7100,  
40.6260

■ 153.0260, -9.7750,  
50.5210

■ 133.8660,  
-11.8400, 60.4160

■ 114.7060,  
-13.9050, 70.3110

■ 95.5460, -15.9700,  
80.2060

■ 76.6850, -17.4390,  
90.3130

■ 58.9980, -19.4580,  
99.3740

# Harmonies

## Analogous

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



227.4900, -15.8190, 5.8530



229.3670, -2.1110, 10.7290



230.2500, 11.4600, 12.5800

# Triad

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



229.3670, -2.1110, 10.7290



228.3800, 22.2370, -1.0190



222.7580, -23.1060, -10.7700

# Complementary

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



229.3670, -2.1110, 10.7290



243.6330, 2.1110, -10.7290

# 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.



223.8640, -11.7810, -12.2690



229.3670, -2.1110, 10.7290



226.6130, 14.0310, -6.4890

# Square

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



229.3670, -2.1110, 10.7290



228.9660, 23.7030, 5.4550



225.3340, 1.5150, -10.9410



223.3540, -27.6000, -6.4160



# Rectangle

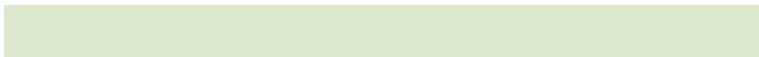
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.3670, -2.1110, 10.7290



230.4310, 18.2000, 11.5760



225.3340, 1.5150, -10.9410



223.0850, -19.7130, -11.6890

# Sweetspot

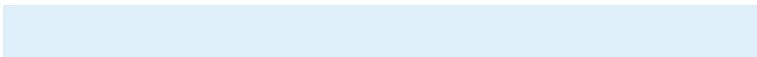
The Sweet Spot groups the original color and five complimentary colors.



229.3670, -2.1110, 10.7290



248.8090, -0.7800, 3.1240



235.4700, -13.0670, 0.0290



123.2820, -0.7340, 2.2900



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.



229.3670, -2.1110, 10.7290



229.6490, -2.8450, 13.0190



233.2540, 5.6370, 13.4850



115.2760, -0.5970, 5.3150



44.5690, -14.7770, 75.1030



14.4290, -4.6810, 24.2710



# Inverse Universe

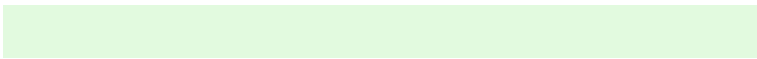
The Inverse Universe completely reimagines the original color for something new.



232.8970, 10.9560, 10.7000



234.0330, 13.5690, 12.9050



239.7460, -5.6370, -13.4850



116.7990, 5.1800, 5.2440



69.2790, 76.6920, 74.9000

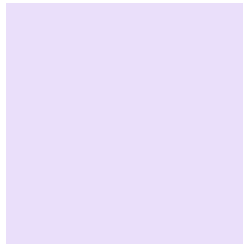


22.3430, 24.8000, 24.1280



# Previews

## White Background



This preview shows how the YIQ color 229.3670, -2.1110, 10.7290 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 229.3670, -2.1110, 10.7290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

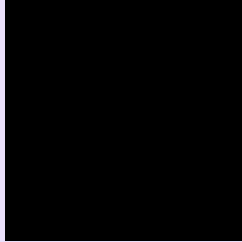
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 229.3670, -2.1110, 10.7290

## Background



This preview shows how black text looks on a background with the YIQ color 229.3670, -2.1110, 10.7290.



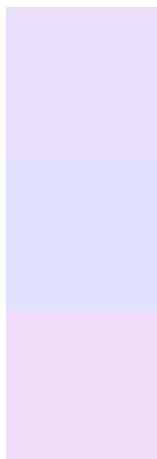
This preview shows how white text looks on a background with the YIQ color 229.3670, -2.1110,

10.7290.

# 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

229.3670, -2.1110, 10.7290

### Protanopia

228.3660, -9.5380, 7.6620

### Deuteranopia

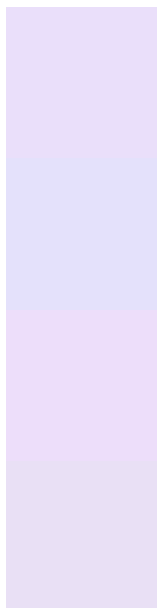
229.6880, 1.4190, 12.8350



## Tritanopia

228.7430, -0.4140, 7.5060

# Trichromacy



## Original Color

229.3670, -2.1110, 10.7290

## Protanomaly

228.8610, -6.5580, 8.7220

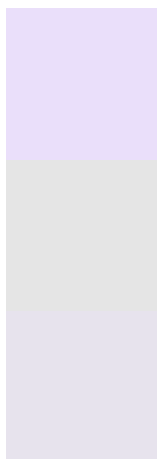
## Deuteranomaly

229.6770, -0.0480, 11.8880

## Tritanomaly

229.0850, -1.3770, 8.4390

# Monochromacy



## Original Color

229.3670, -2.1110, 10.7290

## Achromatopsia

229.0000, -0.0000, -0.0000

## Achromatomaly

229.3360, -0.8260, 3.9580

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 229.3670, -2.1110, 10.7290 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(234, 223, 250)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 250)  
}
```

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(234, 223, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 250) }
```

## Border

The CSS property to change the border of an element to YIQ 229.3670, -2.1110, 10.7290 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(234, 223, 250) }
```



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

```
.border{ border-color:rgb(234, 223, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
250) }
```

# Background

The CSS property to change the background color of an element to YIQ 229.3670, -2.1110, 10.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 250) }
```

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

```
.background{ background-color: rgb(234,  
223, 250) }
```

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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