

# Converting Colors

YIQ(232.0160, 12.2390, 14.9830)

Have a look what the booklet for  
YIQ(232.0160, 12.2390, 14.9830)  
contains.

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# Color

**YIQ(232.0160, 12.2390,  
14.9830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDDBF4
RGB	253, 219, 244
RGB Percent	99%, 86%, 96%
CMY	0.0077, 0.1412, 0.0431
CMYK	0.00, 0.13, 0.04, 0.01
HSL	316°, 90%, 93%
HSV	316°, 13%, 99%
XYZ	82.1750, 78.0750, 96.3328
YIQ	232.0160, 12.2390, 14.9830

# Conversions

## Conversions Part 2

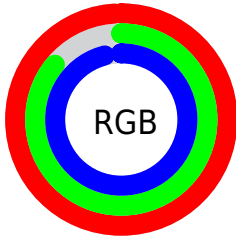
Format	Color
R <sub>Y</sub> B	253, 219, 244
Decimal	16636916
CIE Lab	90.81, 15.92, -7.84
CIE LCh	91, 17.745, 333.788
Yxy	78.0750, 0.3203, 0.3043
Android (android.graphics.Color)	4294826996 (0xFFFDDBF4)
YUV	232.0160, 5.9081, 18.4030
Hunter-Lab	88.3600, 11.3753, -2.7877

# Details

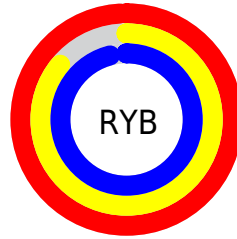
The YIQ color  $232.0160, 12.2390, 14.9830$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $239.9840, -12.2390, -14.9830$ , and the grayscale version is  $232.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $176.3040, 11.3680, 14.2480$  is the 20% darker color. If you saturate the color by 10%, you get  $216.5430, 21.3610, 25.8810$ , and if you desaturate by 10%, it is  $247.4890, 3.1170, 4.0850$ .

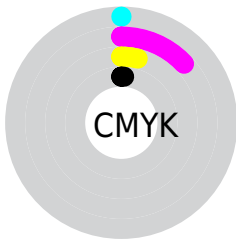
# Distribution



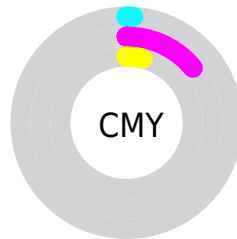
- Red (99%)
- Green (86%)
- Blue (96%)



- Red (99%)
- Yellow (86%)
- Blue (96%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (14%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 232.0160, 12.2390, 14.9830 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 232.0160, 12.2390, 14.9830 by changing the saturation by 10% instead.





 232.0160, 12.2390,  
14.9830


 232.0160, 12.2390,  
14.9830


255.0000, -0.0000,  
-0.0000


 203.7170, 11.6430,  
14.7710

 176.3040, 11.3680,  
14.2480

 149.8910, 11.0930,  
13.7250

 123.5920, 10.4970,  
13.5130

 98.1790, 10.2220,  
12.9900

 74.7660, 9.9470,  
12.4670

 52.0540, 9.0760,

11.7320

■ 30.3420, 8.2050,  
10.9970

■ 10.3530, 9.6720,  
11.9440

■ 232.0160, 12.2390,  
14.9830

■ 232.0160, 12.2390,  
14.9830

■ 216.5430, 21.3610,  
25.8810

■ 247.4890, 3.1170,  
4.0850

■ 200.5970, 30.4370,  
37.6130

■ 254.4020, -1.1920,  
-0.4240

■ 185.1240, 39.5590,  
48.5110

■ 169.6510, 48.6810,  
59.4090

■ 153.5910, 58.0780,  
70.8300

■ 138.2320, 66.8790,  
82.0390

■ 122.7590, 76.0010,  
92.9370

■ 107.2860, 85.1230,  
103.8350

■ 96.8510, 91.0820,  
111.4820

# Harmonies

## Analogous

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



230.8230, -3.3950, 11.9730



232.0160, 12.2390, 14.9830



229.5020, 19.4380, 11.1660

# Triad

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



232.0160, 12.2390, 14.9830



227.8260, 17.7450, -7.7190



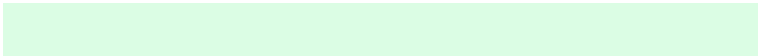
223.1790, -34.4770, -8.4370

# Complementary

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



232.0160, 12.2390, 14.9830



239.9840, -12.2390, -14.9830

# Split Complementary

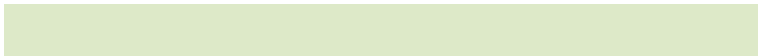
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7250, -27.5070, -13.6110



232.0160, 12.2390, 14.9830



225.6500, 3.4410, -12.8070

# Square

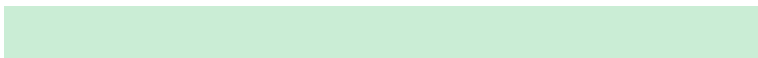
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



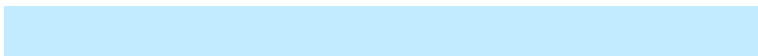
232.0160, 12.2390, 14.9830



229.8320, 26.7760, -0.6800



223.7990, -13.1560, -14.8840



225.0210, -30.8560, -2.4720



# Rectangle

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



232.0160, 12.2390, 14.9830



228.8350, 22.6940, 7.2220



223.7990, -13.1560, -14.8840



222.6090, -32.8720, -9.9920

# Sweetspot

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



232.0160, 12.2390, 14.9830



248.7880, 3.7130, 4.2970



225.5670, -5.5500, 12.4820



123.6630, 2.5670, 3.0390



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

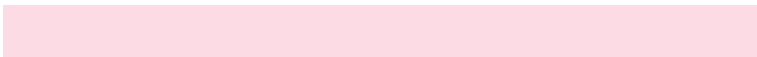
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.0160, 12.2390, 14.9830



229.6790, 14.8060, 18.0220



230.1920, 17.3750, 10.0070



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850



# Inverse Universe

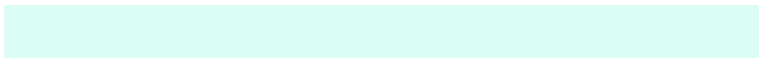
The Inverse Universe completely reimagines the original color for something new.



232.0160, 12.2390, 14.9830



229.6790, 14.8060, 18.0220



241.9220, -17.6960, -9.6960



119.9130, 4.8590, 5.5550



73.1830, 68.5750, 84.3430

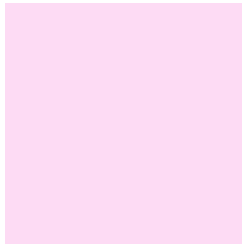


24.4940, 23.0570, 28.1850



# Previews

## White Background



This preview shows how the YIQ color 232.0160, 12.2390, 14.9830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

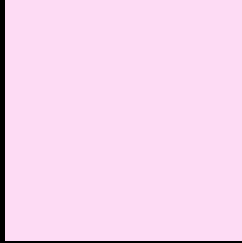
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 232.0160, 12.2390, 14.9830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

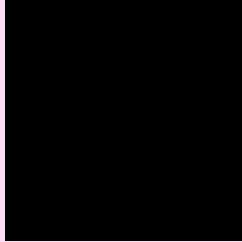
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 232.0160, 12.2390, 14.9830

## Background



This preview shows how black text looks on a background with the YIQ color 232.0160, 12.2390, 14.9830.



This preview shows how white text looks on a background with the YIQ color 232.0160, 12.2390,

14.9830.

# 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

232.0160, 12.2390, 14.9830

### Protanopia

229.5080, -7.0620, 6.8420

### Deuteranopia

230.9720, 6.3710, 11.1950



## Tritanopia

231.5060, 13.6150, 12.0710

# Trichromacy



## Original Color

232.0160, 12.2390, 14.9830

## Protanomaly

230.2100, -0.2310, 9.6970

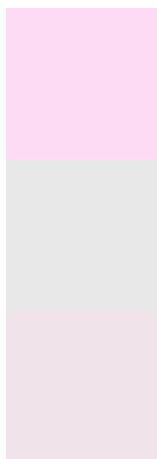
## Deuteranomaly

231.2820, 8.4340, 12.3540

## Tritanomaly

231.8480, 12.6520, 13.0040

# Monochromacy



## Original Color

232.0160, 12.2390, 14.9830

## Achromatopsia

232.0000, -0.0000, 0.0000

## Achromatomaly

231.9130, 4.8590, 5.5550

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 232.0160, 12.2390, 14.9830 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(253, 219, 244)` looks like.

```
.text, #text, p{  
    color:rgb(253, 219, 244)  
}
```

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(253, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 219, 244) }
```

## Border

The CSS property to change the border of an element to YIQ 232.0160, 12.2390, 14.9830 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(253, 219, 244) }
```



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

```
.border{ border-color:rgb(253, 219, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 219, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 219,  
244) }
```

# Background

The CSS property to change the background color of an element to YIQ 232.0160, 12.2390, 14.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 219, 244) }
```

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

```
.background{ background-color: rgb(253,  
219, 244) }
```

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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