

# Converting Colors

YIQ(228.5770, 14.8530, 11.6610)

Have a look what the booklet for  
YIQ(228.5770, 14.8530, 11.6610)  
contains.

<b>YIQ(228.5770, 14.8530, 11.6610)</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(228.5770, 14.8530,  
11.6610)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD9E8
RGB	250, 217, 232
RGB Percent	98%, 85%, 91%
CMY	0.0195, 0.1491, 0.0901
CMYK	0.00, 0.13, 0.07, 0.02
HSL	333°, 77%, 92%
HSV	333°, 13%, 98%
XYZ	78.8089, 75.7736, 86.8250
YIQ	228.5770, 14.8530, 11.6610

# Conversions

## Conversions Part 2

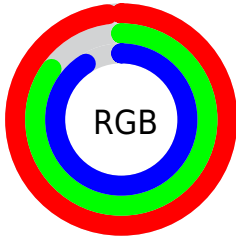
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 217, 232
Decimal	16439784
CIE Lab	89.75, 13.89, -3.13
CIE LCh	90, 14.242, 347.309
Yxy	75.7736, 0.3265, 0.3139
Android (android.graphics.Color)	4294629864 (0xFFFAD9E8)
YUV	228.5770, 1.6875, 18.7880
Hunter-Lab	87.0480, 9.2708, 1.7955

# Details

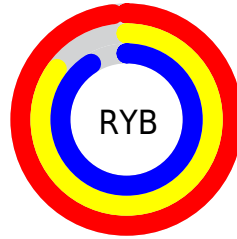
The YIQ color **228.5770, 14.8530, 11.6610** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **238.4230, -14.8530, -11.6610**, and the grayscale version is **229.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **172.8650, 13.9820, 10.9260** is the 20% darker color. If you saturate the color by 10%, you get **212.3060, 26.2220, 20.3820**, and if you desaturate by 10%, it is **244.8480, 3.4840, 2.9400**.

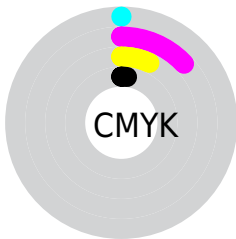
# Distribution



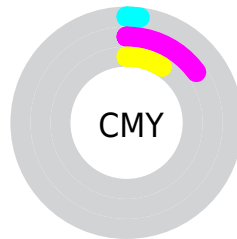
- Red (98%)
- Green (85%)
- Blue (91%)



- Red (98%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 228.5770, 14.8530, 11.6610 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 228.5770, 14.8530, 11.6610 by changing the saturation by 10% instead.



228.5770, 14.8530,  
11.6610

228.5770, 14.8530,  
11.6610

255.0000, -0.0000,  
-0.0000

200.2780, 14.2570,  
11.4490

172.8650, 13.9820,  
10.9260

146.5660, 13.3860,  
10.7140

120.5660, 13.3860,  
10.7140

95.8540, 12.5150,  
9.9790

71.5550, 11.9190,  
9.7670

48.9570, 10.7270,

9.3430

■ 28.1310, 10.1770,  
8.2970

■ 7.9740, 12.0570,  
7.2650

■ 228.5770, 14.8530,  
11.6610

■ 228.5770, 14.8530,  
11.6610

■ 212.3060, 26.2220,  
20.3820

■ 244.8480, 3.4840,  
2.9400

■ 196.1490, 37.2700,  
29.4140

■ 253.5050, -2.9800,  
-1.0600

■ 179.8780, 48.6390,  
38.1350

■ 163.6070, 60.0080,  
46.8560

■ 147.4500, 71.0560,  
55.8880

■ 131.1790, 82.4250,  
64.6090

■ 115.0220, 93.4730,  
73.6410

■ 98.7510, 104.8420,  
82.3620

■ 87.7460, 112.4060,  
88.4540

# Harmonies

## Analogous

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



228.1180, 3.0240, 11.2800



228.5770, 14.8530, 11.6610



228.4760, 22.3270, 8.3670

# Triad

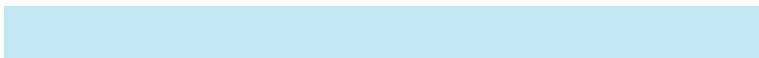
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.5770, 14.8530, 11.6610



224.2210, 9.2630, -8.1850



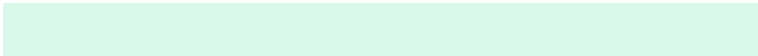
222.1200, -26.8210, -4.0130

# Complementary

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



228.5770, 14.8530, 11.6610



238.4230, -14.8530, -11.6610

# 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.



221.3280, -24.7110, -9.2150



228.5770, 14.8530, 11.6610



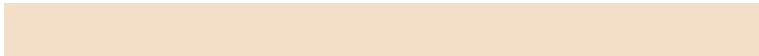
222.8820, -3.0240, -11.2800

# Square

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



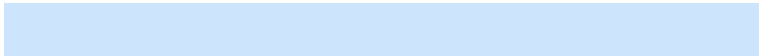
228.5770, 14.8530, 11.6610



226.2440, 19.6240, -3.2240



221.2380, -15.7700, -11.5620



224.4460, -21.6870, 2.0650

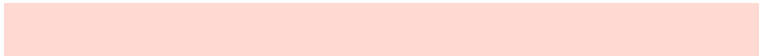


# Rectangle

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



228.5770, 14.8530, 11.6610



227.8520, 24.0240, 5.1440



221.2380, -15.7700, -11.5620



221.7670, -27.3250, -5.8930

# Sweetspot

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



228.5770, 14.8530, 11.6610



248.4460, 4.6760, 3.3640



226.1440, 0.1350, 14.0790



123.4350, 3.2090, 2.4170



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

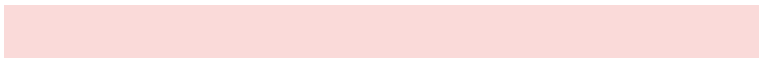
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.5770, 14.8530, 11.6610



228.4250, 18.3370, 14.6010



227.4540, 19.3930, 6.4730



116.5710, 5.8220, 4.6220



66.3150, 85.0380, 66.8140



21.4310, 27.3680, 21.6400



# Inverse Universe

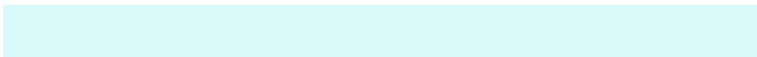
The Inverse Universe completely reimagines the original color for something new.



228.5770, 14.8530, 11.6610



228.4250, 18.3370, 14.6010



239.5460, -19.3930, -6.4730



116.5710, 5.8220, 4.6220



66.3150, 85.0380, 66.8140

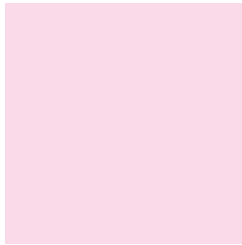


21.4310, 27.3680, 21.6400



# Previews

## White Background



This preview shows how the YIQ color 228.5770, 14.8530, 11.6610 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

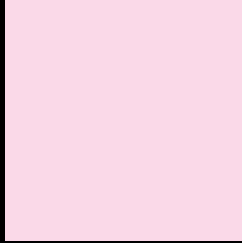
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 228.5770, 14.8530, 11.6610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

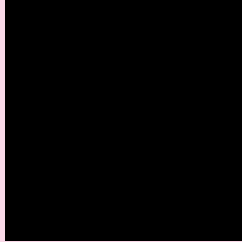
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 228.5770, 14.8530, 11.6610

## Background



This preview shows how black text looks on a background with the YIQ color 228.5770, 14.8530, 11.6610.



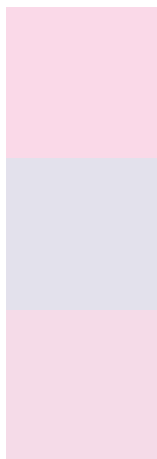
This preview shows how white text looks on a background with the YIQ color 228.5770, 14.8530,

11.6610.

# 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

228.5770, 14.8530, 11.6610

### Protanopia

226.8520, -2.3390, 3.8450

### Deuteranopia

228.2560, 11.3230, 9.5550



## Tritanopia

228.8050, 14.2110, 12.2830

# Trichromacy



## Original Color

228.5770, 14.8530, 11.6610

## Protanomaly

227.3690, 3.5750, 6.7990

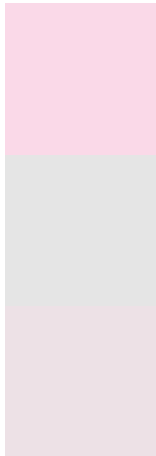
## Deuteranomaly

228.2670, 12.7900, 10.5020

## Tritanomaly

228.6910, 14.5320, 11.9720

# Monochromacy



## Original Color

228.5770, 14.8530, 11.6610

## Achromatopsia

229.0000, -0.0000, -0.0000

## Achromatomaly

229.1580, 5.5470, 4.0990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 228.5770, 14.8530, 11.6610 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(250, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 232)  
}
```

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(250, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 232) }
```

## Border

The CSS property to change the border of an element to YIQ 228.5770, 14.8530, 11.6610 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(250, 217, 232) }
```



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

```
.border{ border-color:rgb(250, 217, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
232) }
```

# Background

The CSS property to change the background color of an element to YIQ 228.5770, 14.8530, 11.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 232) }
```

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

```
.background{ background-color: rgb(250,  
217, 232) }
```

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