

# Converting Colors

YIQ(226.3080, 22.7400, 6.3880)

Have a look what the booklet for  
YIQ(226.3080, 22.7400, 6.3880)  
contains.

<b>YIQ(226.3080, 22.7400, 6.3880)</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(226.3080, 22.7400,  
6.3880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCD8D4
RGB	252, 216, 212
RGB Percent	99%, 85%, 83%
CMY	0.0117, 0.1530, 0.1685
CMYK	0.00, 0.14, 0.16, 0.01
HSL	6°, 87%, 91%
HSV	6°, 16%, 99%
XYZ	76.5912, 74.5580, 72.6574
YIQ	226.3080, 22.7400, 6.3880

# Conversions

## Conversions Part 2

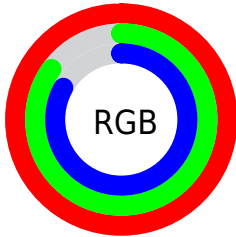
Format	Color
R <sub>Y</sub> B	252, 216, 212
Decimal	16570580
CIE Lab	89.19, 11.90, 6.58
CIE LCh	89, 13.597, 28.959
Yxy	74.5580, 0.3422, 0.3331
Android (android.graphics.Color)	4294760660 (0xFFFC8D4)
YUV	226.3080, -7.0538, 22.5319
Hunter-Lab	86.3470, 7.2252, 10.5528

# Details

The YIQ color  $226.3080, 22.7400, 6.3880$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $237.6920, -22.7400, -6.3880$ , and the grayscale version is  $226.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $170.7100, 21.5480, 5.9640$  is the 20% darker color. If you saturate the color by 10%, you get  $209.9570, 37.0900, 10.6420$ , and if you desaturate by 10%, it is  $242.6590, 8.3900, 2.1340$ .

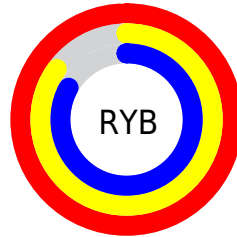
# Distribution



Red (99%)

Green (85%)

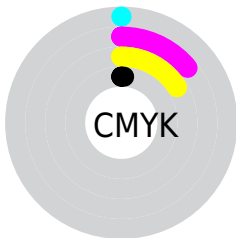
Blue (83%)



Red (99%)

Yellow (85%)

Blue (83%)

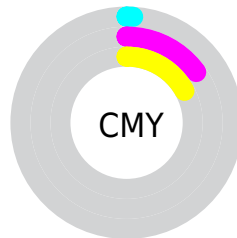


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 226.3080, 22.7400, 6.3880 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 226.3080, 22.7400, 6.3880 by changing the saturation by 10% instead.



226.3080, 22.7400,  
6.3880

226.3080, 22.7400,  
6.3880

255.0000, -0.0000,  
-0.0000

198.0090, 22.1440,  
6.1760

170.7100, 21.5480,  
5.9640

144.4110, 20.9520,  
5.7520

118.8130, 19.7600,  
5.3280

93.6280, 18.8430,  
5.4270

70.0300, 17.6510,  
5.0030

47.4320, 16.4590,

4.5790

■ 25.9480, 14.9460,  
4.4660

■ 5.6810, 11.3240,  
4.0280

■ 226.3080, 22.7400,  
6.3880

■ 226.3080, 22.7400,  
6.3880

■ 209.9570, 37.0900,  
10.6420

■ 242.6590, 8.3900,  
2.1340

■ 194.1930, 51.1650,  
14.3730

■ 254.1030, -1.7880,  
-0.6360

■ 177.7280, 65.8360,  
18.3160

■ 161.3770, 80.1860,  
22.5700

■ 145.0260, 94.5360,  
26.8240

■ 129.2620,  
108.6110, 30.5550

■ 112.9110,  
122.9610, 34.8090

■ 96.4460, 137.6320,  
38.7520

■ 90.0230, 143.3170,  
40.3490

# Harmonies

## Analogous

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



226.6050, 17.6500, 10.5300



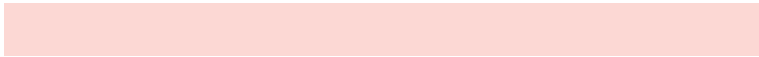
226.3080, 22.7400, 6.3880



225.4340, 22.1450, 0.6490

# Triad

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



226.3080, 22.7400, 6.3880



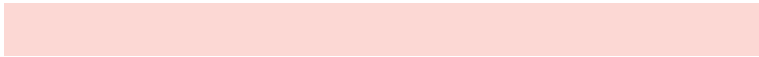
220.5440, -7.8840, -11.3080



223.3650, -16.9650, 4.5950

# Complementary

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



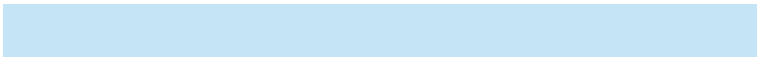
226.3080, 22.7400, 6.3880



237.6920, -22.7400, -6.3880

# 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.



221.3700, -24.5290, -1.4970



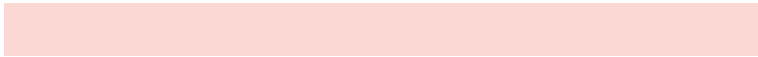
226.3080, 22.7400, 6.3880



219.9110, -19.1630, -10.6430

# Square

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



226.3080, 22.7400, 6.3880



222.2420, 4.7700, -9.3580



219.6100, -25.4450, -6.9250

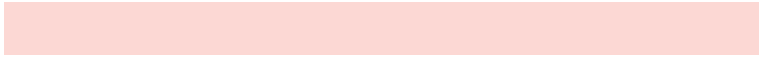


225.4590, -5.3660, 9.1460



# Rectangle

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



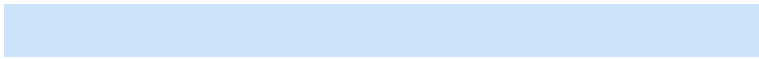
226.3080, 22.7400, 6.3880



224.7600, 18.1110, -3.3370



219.6100, -25.4450, -6.9250



222.9300, -20.1740, 2.1780

# Sweetspot

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



226.3080, 22.7400, 6.3880



247.0610, 7.1980, 1.7100



228.1780, 11.9630, 19.9870



122.9790, 4.4930, 1.1730



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.



226.3080, 22.7400, 6.3880



223.7000, 27.5080, 8.0840



237.4610, 17.5150, -3.5490



117.0610, 7.1980, 1.7100



67.6640, 107.4190, 30.1310

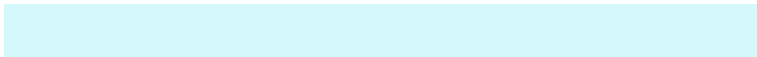


21.7610, 34.7060, 9.7940



# Inverse Universe

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



237.6920, -22.7400, -6.3880



237.7130, -27.2330, -7.5610



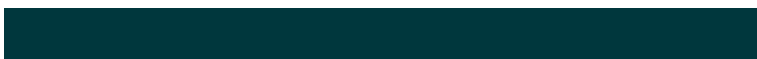
226.5390, -17.5150, 3.5490



120.5260, -7.4730, -2.2330



121.3360, -107.4190, -30.1310

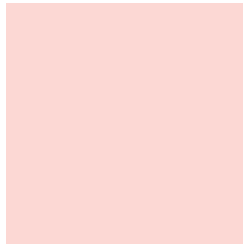


39.2390, -34.7060, -9.7940



# Previews

## White Background



This preview shows how the YIQ color 226.3080, 22.7400, 6.3880 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 226.3080, 22.7400, 6.3880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

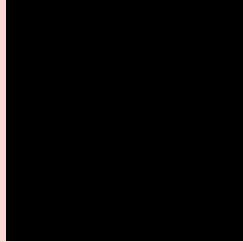
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 226.3080, 22.7400, 6.3880

## Background



This preview shows how black text looks on a background with the YIQ color 226.3080, 22.7400, 6.3880.



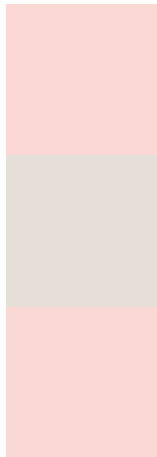
This preview shows how white text looks on a background with the YIQ color 226.3080, 22.7400,

6.3880.

# 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

226.3080, 22.7400, 6.3880

### Protanopia

224.2950, 6.4190, -0.6930

### Deuteranopia

226.2970, 21.2730, 5.4410



## Tritanopia

227.1970, 18.9790, 13.9790

# Trichromacy



## Original Color

226.3080, 22.7400, 6.3880

## Protanomaly

224.8120, 12.3330, 2.2610

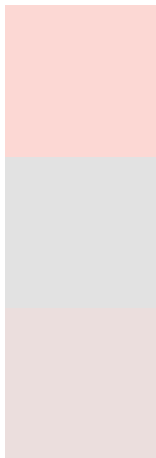
## Deuteranomaly

226.5960, 21.8690, 5.6530

## Tritanomaly

226.6870, 20.3550, 11.0670

# Monochromacy



## Original Color

226.3080, 22.7400, 6.3880

## Achromatopsia

226.0000, -0.0000, 0.0000

## Achromatomaly

225.7730, 8.0690, 2.4450

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 226.3080, 22.7400, 6.3880 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(252, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 212)  
}
```

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(252, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 212) }
```

## Border

The CSS property to change the border of an element to YIQ 226.3080, 22.7400, 6.3880 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(252, 216, 212) }
```



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

```
.border{ border-color:rgb(252, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
212) }
```

# Background

The CSS property to change the background color of an element to YIQ 226.3080, 22.7400, 6.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 212) }
```

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

```
.background{ background-color: rgb(252,  
216, 212) }
```

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