

# Converting Colors

YIQ(229.3080, 22.7400, 6.3880)

Have a look what the booklet for  
YIQ(229.3080, 22.7400, 6.3880)  
contains.

<b>YIQ(229.3080, 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(229.3080, 22.7400,  
6.3880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBD7
RGB	255, 219, 215
RGB Percent	100%, 86%, 84%
CMY	0.0000, 0.1412, 0.1568
CMYK	0.00, 0.14, 0.16, 0.00
HSL	6°, 100%, 92%
HSV	6°, 16%, 100%
XYZ	78.8364, 76.8227, 74.9791
YIQ	229.3080, 22.7400, 6.3880

# Conversions

## Conversions Part 2

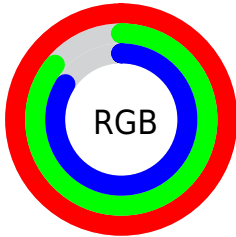
Format	Color
R <sub>Y</sub> B	255, 219, 215
Decimal	16767959
CIE Lab	90.24, 11.85, 6.56
CIE LCh	90, 13.548, 28.955
Yxy	76.8227, 0.3418, 0.3331
Android (android.graphics.Color)	4294958039 (0xFFFFDBD7)
YUV	229.3080, -7.0538, 22.5319
Hunter-Lab	87.6485, 7.1687, 10.6342

# Details

The YIQ color  $229.3080, 22.7400, 6.3880$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $240.6920, -22.7400, -6.3880$ , 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  $173.7100, 21.5480, 5.9640$  is the 20% darker color. If you saturate the color by 10%, you get  $212.9570, 37.0900, 10.6420$ , and if you desaturate by 10%, it is  $245.7730, 8.0690, 2.4450$ .

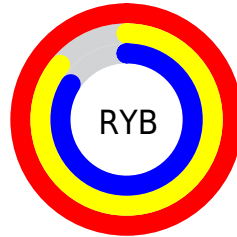
# Distribution



Red (100%)

Green (86%)

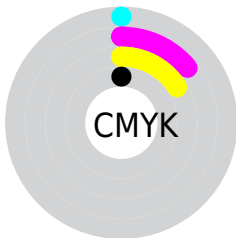
Blue (84%)



Red (100%)

Yellow (86%)

Blue (84%)

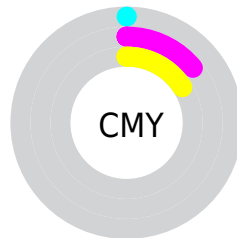


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3080, 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 229.3080, 22.7400, 6.3880 by changing the saturation by 10% instead.



229.3080, 22.7400,  
6.3880

229.3080, 22.7400,  
6.3880

255.0000, -0.0000,  
-0.0000

201.0090, 22.1440,  
6.1760

173.7100, 21.5480,  
5.9640

147.1120, 20.3560,  
5.5400

121.2260, 20.0350,  
5.8510

96.6280, 18.8430,  
5.4270

72.0300, 17.6510,  
5.0030

49.5460, 16.1380,

4.8900

■ 27.9480, 14.9460,  
4.4660

■ 7.4750, 14.9000,  
5.3000

■ 229.3080, 22.7400,  
6.3880

■ 229.3080, 22.7400,  
6.3880

■ 212.9570, 37.0900,  
10.6420

■ 245.7730, 8.0690,  
2.4450

■ 196.4920, 51.7610,  
14.5850

255.0000, -0.0000,  
-0.0000

■ 180.1410, 66.1110,  
18.8390

■ 163.6760, 80.7820,  
22.7820

■ 147.3250, 95.1320,  
27.0360

■ 130.8600,  
109.8030, 30.9790

■ 114.5090,  
124.1530, 35.2330

■ 98.0440, 138.8240,  
39.1760

■ 90.9200, 145.1050,  
40.9850

# Harmonies

## Analogous

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



229.6050, 17.6500, 10.5300



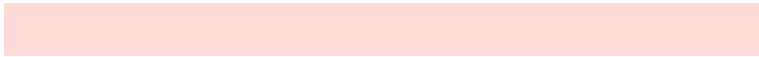
229.3080, 22.7400, 6.3880



228.4340, 22.1450, 0.6490

# Triad

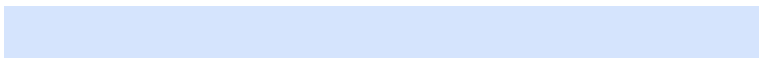
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.3080, 22.7400, 6.3880



223.5440, -7.8840, -11.3080



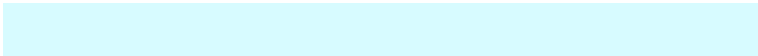
226.3650, -16.9650, 4.5950

# Complementary

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



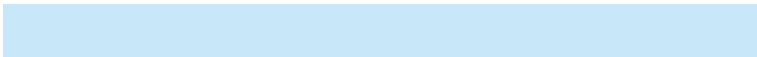
229.3080, 22.7400, 6.3880



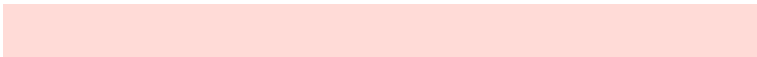
240.6920, -22.7400, -6.3880

# 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.



224.3700, -24.5290, -1.4970



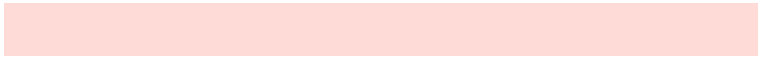
229.3080, 22.7400, 6.3880



222.9110, -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.



229.3080, 22.7400, 6.3880



225.2420, 4.7700, -9.3580



222.9090, -24.8490, -6.7130



228.4590, -5.3660, 9.1460



# Rectangle

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



229.3080, 22.7400, 6.3880



227.1730, 18.3860, -2.8140



222.9090, -24.8490, -6.7130



225.9300, -20.1740, 2.1780

# Sweetspot

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



229.3080, 22.7400, 6.3880



247.0610, 7.1980, 1.7100



231.1780, 11.9630, 19.9870



122.9790, 4.4930, 1.1730



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

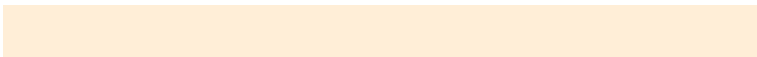
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.3080, 22.7400, 6.3880



223.7000, 27.5080, 8.0840



240.4610, 17.5150, -3.5490



119.4740, 7.4730, 2.2330



68.2620, 108.6110, 30.5550

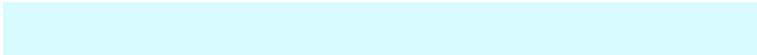


22.6580, 36.4940, 10.4300



# Inverse Universe

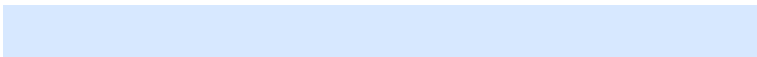
The Inverse Universe completely reimagines the original color for something new.



240.6920, -22.7400, -6.3880



237.7130, -27.2330, -7.5610



229.5390, -17.5150, 3.5490



122.9390, -7.1980, -1.7100



122.7380, -108.6110, -30.5550

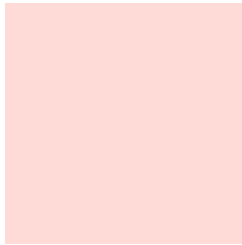


40.7550, -36.2190, -9.9070



# Previews

## White Background



This preview shows how the YIQ color 229.3080, 22.7400, 6.3880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

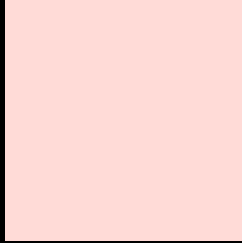
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 229.3080, 22.7400, 6.3880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

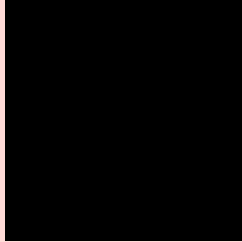
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

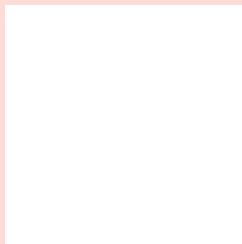
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 229.3080, 22.7400, 6.3880**

## **Background**



This preview shows how black text looks on a background with the YIQ color 229.3080, 22.7400, 6.3880.



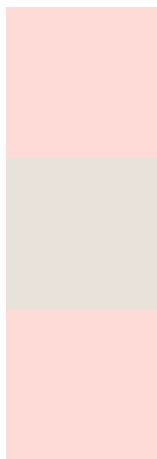
This preview shows how white text looks on a background with the YIQ color 229.3080, 22.7400,

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

229.3080, 22.7400, 6.3880

### Protanopia

227.2950, 6.4190, -0.6930

### Deuteranopia

229.0090, 22.1440, 6.1760



## Tritanopia

230.1860, 17.5120, 13.0320

# Trichromacy



## Original Color

229.3080, 22.7400, 6.3880

## Protanomaly

227.8120, 12.3330, 2.2610

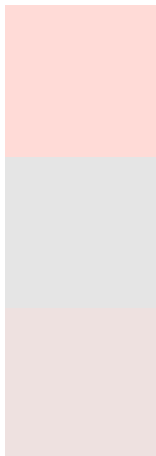
## Deuteranomaly

229.0090, 22.1440, 6.1760

## Tritanomaly

229.9750, 19.4840, 10.3320

# Monochromacy



## Original Color

229.3080, 22.7400, 6.3880

## Achromatopsia

229.0000, -0.0000, -0.0000

## Achromatomaly

228.7730, 8.0690, 2.4450

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 229.3080, 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(255, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 215)  
}
```

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(255, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 215) }
```

## Border

The CSS property to change the border of an element to YIQ 229.3080, 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".

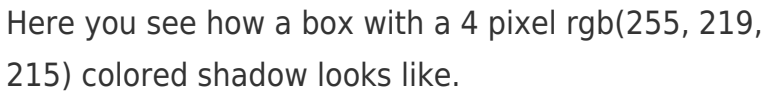
```
.border, #border, table{ border:4px solid rgb(255, 219, 215) }
```



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

```
.border{ border-color:rgb(255, 219, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 215); box-shadow:4px 4px 4px 4px rgb(255, 219, 215) }
```

# Background

The CSS property to change the background color of an element to YIQ 229.3080, 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(255, 219, 215) }
```

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

```
.background{ background-color: rgb(255,  
219, 215) }
```

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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