

# Converting Colors

YIQ(217.3800, 31.4050, 9.0450)

Have a look what the booklet for  
YIQ(217.3800, 31.4050, 9.0450)  
contains.

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# Color

**YIQ(217.3800, 31.4050,  
9.0450)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCBC6
RGB	253, 203, 198
RGB Percent	99%, 80%, 78%
CMY	0.0077, 0.2040, 0.2234
CMYK	0.00, 0.20, 0.22, 0.01
HSL	5°, 93%, 88%
HSV	5°, 22%, 99%
XYZ	72.0666, 67.6689, 62.7090
YIQ	217.3800, 31.4050, 9.0450

# Conversions

## Conversions Part 2

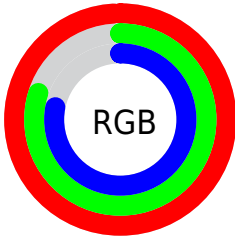
Format	Color
R <sub>Y</sub> B	253, 204, 198
Decimal	16632774
CIE Lab	85.84, 16.97, 9.19
CIE LCh	86, 19.294, 28.436
Yxy	67.6689, 0.3560, 0.3343
Android (android.graphics.Color)	4294822854 (0xFFFD <sub>C</sub> BC6)
YUV	217.3800, -9.5543, 31.2387
Hunter-Lab	82.2611, 12.4218, 12.3850

# Details

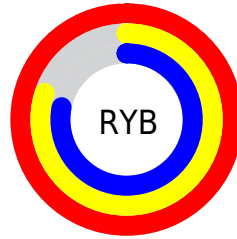
The YIQ color  $217.3800, 31.4050, 9.0450$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $233.6200, -31.4050, -9.0450$ , and the grayscale version is  $217.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $162.4830, 29.6170, 8.4090$  is the 20% darker color. If you saturate the color by 10%, you get  $201.0290, 45.7550, 13.2990$ , and if you desaturate by 10%, it is  $233.7310, 17.0550, 4.7910$ .

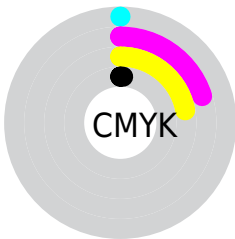
# Distribution



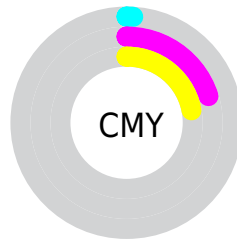
- Red (99%)
- Green (80%)
- Blue (78%)



- Red (99%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (1%)




- Cyan (1%)
- Magenta (20%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 217.3800, 31.4050, 9.0450 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 217.3800, 31.4050, 9.0450 by changing the saturation by 10% instead.





 217.3800, 31.4050,  
9.0450


 217.3800, 31.4050,  
9.0450


255.0000, -0.0000,  
-0.0000


 189.1950, 30.4880,  
9.1440

 162.4830, 29.6170,  
8.4090

 135.9990, 28.1040,  
8.2960

 110.4010, 26.9120,  
7.8720

 85.8030, 25.7200,  
7.4480

 62.0200, 23.6110,  
7.1230

 39.5360, 22.0980,

7.0100

■ 16.6670, 23.1070,  
5.2430

■ 0.0000, 0.0000,  
0.0000

■ 217.3800, 31.4050,  
9.0450

■ 217.3800, 31.4050,  
9.0450

■ 201.0290, 45.7550,  
13.2990

■ 233.7310, 17.0550,  
4.7910

■ 184.5640, 60.4260,  
17.2420

■ 250.1960, 2.3840,  
0.8480

■ 168.2130, 74.7760,  
21.4960

■ 254.4020, -1.1920,  
-0.4240

■ 151.8620, 89.1260,  
25.7500

■ 135.5110,  
103.4760, 30.0040

■ 119.0460,  
118.1470, 33.9470

■ 102.6950,  
132.4970, 38.2010

■ 89.1480, 144.4630,  
41.6070

# Harmonies

## Analogous

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



218.2470, 24.7100, 14.7420



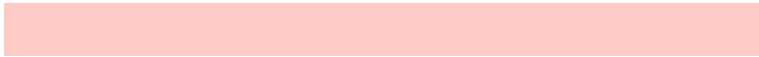
217.3800, 31.4050, 9.0450



216.0390, 30.6270, 1.1150

# Triad

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



217.3800, 31.4050, 9.0450



209.6420, -11.2760, -15.9160



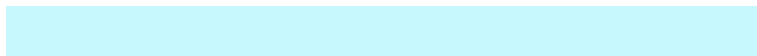
213.1130, -24.9430, 6.0090

# Complementary

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



217.3800, 31.4050, 9.0450



233.6200, -31.4050, -9.0450

# 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.



210.2700, -35.9910, -3.0230



217.3800, 31.4050, 9.0450



208.0840, -27.1400, -14.7560

# Square

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



217.3800, 31.4050, 9.0450



212.0910, 6.5130, -13.4150



208.0430, -37.0900, -10.6420



216.3110, -7.7050, 12.9910



# Rectangle

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



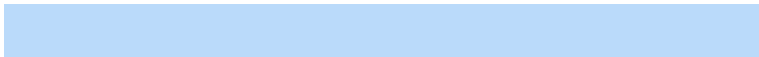
217.3800, 31.4050, 9.0450



214.8270, 25.1720, -4.6520



208.0430, -37.0900, -10.6420



212.0800, -29.3440, 3.1680

# Sweetspot

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



217.3800, 31.4050, 9.0450



243.5560, 10.1780, 2.7700



220.1450, 16.7300, 27.2100



120.8760, 6.2810, 1.8090



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.



217.3800, 31.4050, 9.0450



212.2560, 37.6860, 10.8540



233.2290, 23.9800, -5.0760



119.4740, 7.4730, 2.2330



67.0880, 109.1610, 31.6010



22.6580, 36.4940, 10.4300



# Inverse Universe

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



233.6200, -31.4050, -9.0450



231.7440, -37.6860, -10.8540



217.7710, -23.9800, 5.0760



122.9390, -7.1980, -1.7100



123.9120, -109.1610, -31.6010

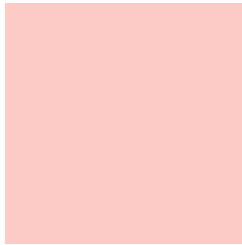


41.3420, -36.4940, -10.4300



# Previews

## White Background



This preview shows how the YIQ color 217.3800, 31.4050, 9.0450 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

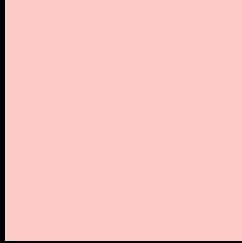
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 217.3800, 31.4050, 9.0450 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

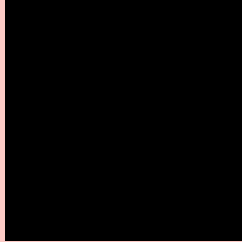
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 217.3800, 31.4050, 9.0450

## Background



This preview shows how black text looks on a background with the YIQ color 217.3800, 31.4050, 9.0450.



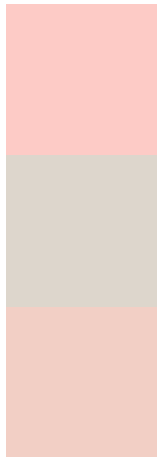
This preview shows how white text looks on a background with the YIQ color 217.3800, 31.4050,

9.0450.

# 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

217.3800, 31.4050, 9.0450

### Protanopia

214.9530, 7.3820, -1.6260

### Deuteranopia

216.3250, 24.0700, 4.3100



## Tritanopia

218.2690, 27.6440, 16.6360

# Trichromacy



## Original Color

217.3800, 31.4050, 9.0450

## Protanomaly

215.9650, 16.2760, 2.3880

## Deuteranomaly

216.9340, 26.7290, 5.6810

## Tritanomaly

217.7590, 29.0200, 13.7240

# Monochromacy



## Original Color

217.3800, 31.4050, 9.0450

## Achromatopsia

217.0000, -0.0000, 0.0000

## Achromatomaly

217.1540, 11.3700, 3.1940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 217.3800, 31.4050, 9.0450 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, 203, 198)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 198)  
}
```

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, 203, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 198) }
```

## Border

The CSS property to change the border of an element to YIQ 217.3800, 31.4050, 9.0450 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, 203, 198) }
```



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

```
.border{ border-color:rgb(253, 203, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 203, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 198);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
198) }
```

# Background

The CSS property to change the background color of an element to YIQ 217.3800, 31.4050, 9.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 198) }
```

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

```
.background{ background-color: rgb(253,  
203, 198) }
```

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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