

# Converting Colors

YIQ(227.9270, 19.4390, 5.6390)

Have a look what the booklet for  
YIQ(227.9270, 19.4390, 5.6390)  
contains.

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# Color

**YIQ(227.9270, 19.4390,  
5.6390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FADBD8
RGB	250, 219, 216
RGB Percent	98%, 86%, 85%
CMY	0.0195, 0.1412, 0.1529
CMYK	0.00, 0.12, 0.14, 0.02
HSL	5°, 77%, 91%
HSV	5°, 14%, 98%
XYZ	77.1563, 75.9425, 75.5713
YIQ	227.9270, 19.4390, 5.6390

# Conversions

## Conversions Part 2

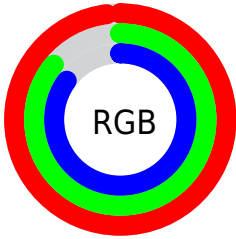
Format	Color
R <sub>Y</sub> B	250, 219, 216
Decimal	16440280
CIE Lab	89.83, 10.25, 5.39
CIE LCh	90, 11.581, 27.754
Yxy	75.9425, 0.3374, 0.3321
Android (android.graphics.Color)	4294630360 (0xFFFADBD8)
YUV	227.9270, -5.8800, 19.3580
Hunter-Lab	87.1450, 5.5363, 9.5858

# Details

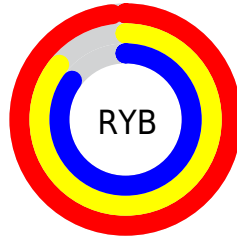
The YIQ color  $227.9270, 19.4390, 5.6390$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $238.0730, -19.4390, -5.6390$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $172.3290, 18.2470, 5.2150$  is the 20% darker color. If you saturate the color by 10%, you get  $211.5760, 33.7890, 9.8930$ , and if you desaturate by 10%, it is  $244.2780, 5.0890, 1.3850$ .

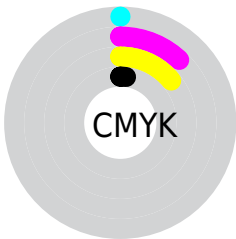
# Distribution



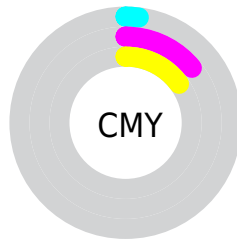
- Red (98%)
- Green (86%)
- Blue (85%)



- Red (98%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 227.9270, 19.4390, 5.6390 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 227.9270, 19.4390, 5.6390 by changing the saturation by 10% instead.



227.9270, 19.4390,  
5.6390

227.9270, 19.4390,  
5.6390

255.0000, -0.0000,  
-0.0000

199.6280, 18.8430,  
5.4270

172.3290, 18.2470,  
5.2150

146.0300, 17.6510,  
5.0030

119.8450, 16.7340,  
5.1020

95.4320, 16.4590,  
4.5790

71.2470, 15.5420,  
4.6780

48.6490, 14.3500,

4.2540

■ 27.7520, 12.5620,  
3.6180

■ 6.2790, 12.5160,  
4.4520

■ 227.9270, 19.4390,  
5.6390

■ 227.9270, 19.4390,  
5.6390

■ 211.5760, 33.7890,  
9.8930

■ 244.2780, 5.0890,  
1.3850

■ 195.2250, 48.1390,  
14.1470

■ 253.5050, -2.9800,  
-1.0600

■ 179.4610, 62.2140,  
17.8780

■ 163.1100, 76.5640,  
22.1320

■ 146.7590, 90.9140,  
26.3860

■ 130.4080,  
105.2640, 30.6400

■ 114.0570,  
119.6140, 34.8940

■ 97.7060, 133.9640,  
39.1480

■ 87.6640, 142.9500,  
41.4940

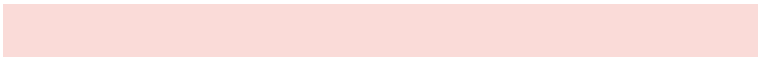
# Harmonies

## Analogous

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



228.5830, 14.7160, 8.6360



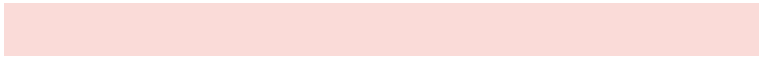
227.9270, 19.4390, 5.6390



226.9930, 19.0730, 1.2570

# Triad

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



227.9270, 19.4390, 5.6390



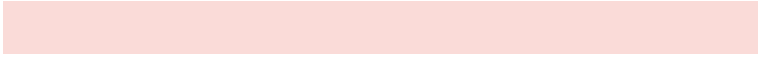
223.0820, -6.4630, -9.5270



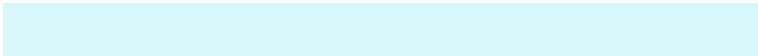
225.5070, -14.4890, 3.7750

# Complementary

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



227.9270, 19.4390, 5.6390



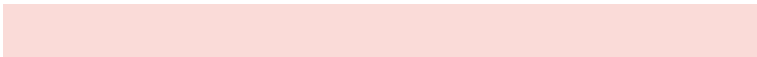
238.0730, -19.4390, -5.6390

# 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.



223.5230, -20.5860, -1.3700



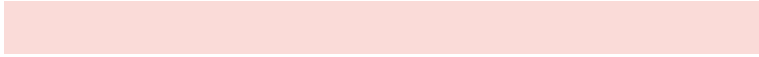
227.9270, 19.4390, 5.6390



222.8190, -15.9080, -9.0600

# Square

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



227.9270, 19.4390, 5.6390



224.2960, 4.6780, -7.6900



222.2900, -21.5480, -5.9640



226.7040, -4.6780, 7.6900



# Rectangle

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



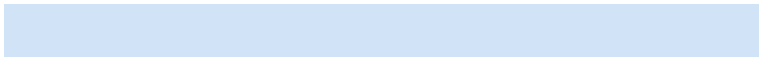
227.9270, 19.4390, 5.6390



226.6180, 15.6350, -2.5170



222.2900, -21.5480, -5.9640



224.4850, -17.4230, 1.8810

# Sweetspot

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



227.9270, 19.4390, 5.6390



248.5770, 5.6850, 1.5970



229.7000, 10.3130, 16.8490



123.6800, 3.8970, 0.9610



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

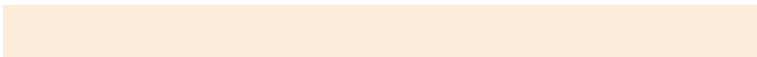
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.9270, 19.4390, 5.6390



228.6070, 23.3360, 6.6000



237.9060, 14.7640, -3.2520



117.0610, 7.1980, 1.7100



65.9030, 108.2440, 31.7000

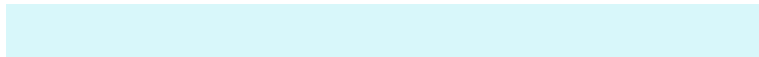


21.1740, 34.9810, 10.3170



# Inverse Universe

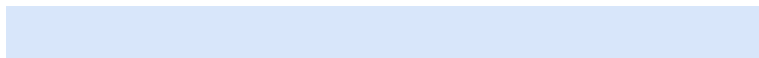
The Inverse Universe completely reimagines the original color for something new.



238.0730, -19.4390, -5.6390



240.3930, -23.3360, -6.6000



228.0940, -14.7640, 3.2520



120.5260, -7.4730, -2.2330



122.5100, -107.9690, -31.1770

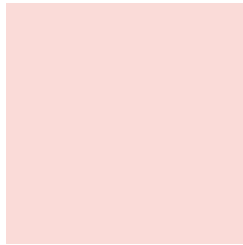


39.8260, -34.9810, -10.3170



# Previews

## White Background



This preview shows how the YIQ color 227.9270, 19.4390, 5.6390 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

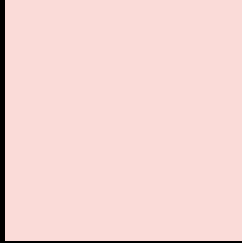
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 227.9270, 19.4390, 5.6390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

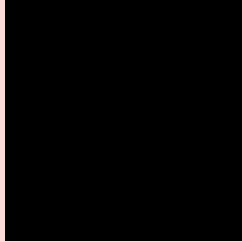
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

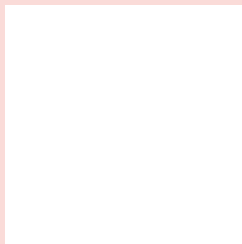
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 227.9270, 19.4390, 5.6390

## Background



This preview shows how black text looks on a background with the YIQ color 227.9270, 19.4390, 5.6390.



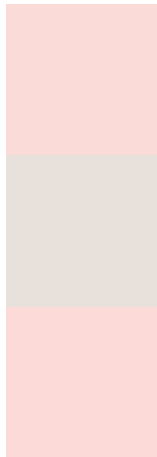
This preview shows how white text looks on a background with the YIQ color 227.9270, 19.4390,



# 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

227.9270, 19.4390, 5.6390

### Protanopia

226.4090, 6.0980, -0.3820

### Deuteranopia

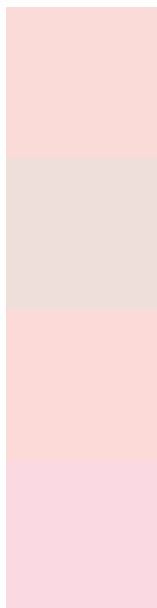
227.9380, 20.9060, 6.5860



## Tritanopia

228.7020, 15.9990, 12.9190

# Trichromacy



## Original Color

227.9270, 19.4390, 5.6390

## Protanomaly

227.2140, 11.1410, 1.8370

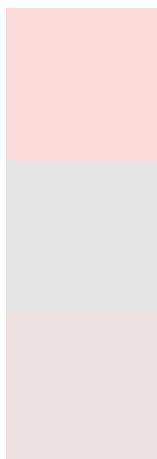
## Deuteranomaly

227.6390, 20.3100, 6.3740

## Tritanomaly

228.3060, 17.0540, 10.3180

# Monochromacy



## Original Color

227.9270, 19.4390, 5.6390

## Achromatopsia

228.0000, 0.0000, 0.0000

## Achromatomaly

228.1750, 6.8770, 2.0210

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 227.9270, 19.4390, 5.6390 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, 219, 216)` looks like.

```
.text, #text, p{  
    color:rgb(250, 219, 216)  
}
```

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, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 219, 216) }
```

## Border

The CSS property to change the border of an element to YIQ 227.9270, 19.4390, 5.6390 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, 219, 216) }
```



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

```
.border{ border-color:rgb(250, 219, 216) }
```

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

Here you see how a box with a 4 pixel rgb(250, 219, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(250, 219,  
216) }
```

# Background

The CSS property to change the background color of an element to YIQ 227.9270, 19.4390, 5.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 219, 216) }
```

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

```
.background{ background-color: rgb(250,  
219, 216) }
```

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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