

# Converting Colors

YIQ(231.2980, 19.5320, -1.5560)

Have a look what the booklet for  
YIQ(231.2980, 19.5320, -1.5560)  
contains.

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# Color

**YIQ(231.2980, 19.5320,  
-1.5560)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E3CF
RGB	249, 227, 207
RGB Percent	98%, 89%, 81%
CMY	0.0235, 0.1098, 0.1881
CMYK	0.00, 0.09, 0.17, 0.02
HSL	29°, 78%, 89%
HSV	29°, 17%, 98%
XYZ	77.8025, 79.5808, 70.3067
YIQ	231.2980, 19.5320, -1.5560

# Conversions

## Conversions Part 2

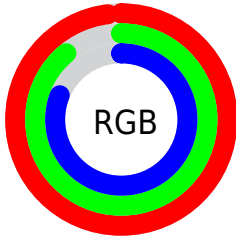
Format	Color
R <sub>Y</sub> B	249, 245, 207
Decimal	16376783
CIE Lab	91.50, 4.38, 12.47
CIE LCh	91, 13.218, 70.668
Yxy	79.5808, 0.3417, 0.3495
Android (android.graphics.Color)	4294566863 (0xFFFF9E3CF)
YUV	231.2980, -11.9789, 15.5247
Hunter-Lab	89.2081, -0.4361, 15.7180

# Details

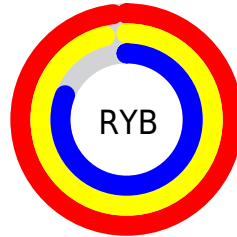
The YIQ color  $231.2980, 19.5320, -1.5560$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $224.7020, -19.5320, 1.5560$ , and the grayscale version is  $231.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $175.8140, 18.0190, -1.6690$  is the 20% darker color. If you saturate the color by 10%, you get  $220.8170, 31.1320, -2.5320$ , and if you desaturate by 10%, it is  $241.7790, 7.9320, -0.5800$ .

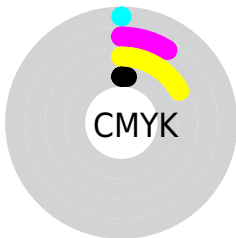
# Distribution



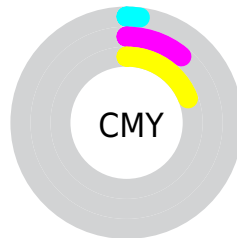
- Red (98%)
- Green (89%)
- Blue (81%)



- Red (98%)
- Yellow (96%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 231.2980, 19.5320, -1.5560 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 231.2980, 19.5320, -1.5560 by changing the saturation by 10% instead.



231.2980, 19.5320,  
-1.5560

231.2980, 19.5320,  
-1.5560

255.0000, -0.0000,  
-0.0000

202.9990, 18.9360,  
-1.7680

175.8140, 18.0190,  
-1.6690

148.9280, 17.6980,  
-1.3580

122.7430, 16.7810,  
-1.2590

98.4440, 16.1850,  
-1.4710

74.2590, 15.2680,  
-1.3720

51.6610, 14.0760,

-1.7960

■ 30.2480, 13.8010,  
-2.3190

■ 6.5560, 10.1780,  
2.7700

■ 231.2980, 19.5320,  
-1.5560

■ 231.2980, 19.5320,  
-1.5560

■ 220.8170, 31.1320,  
-2.5320

■ 241.7790, 7.9320,  
-0.5800

■ 210.3360, 42.7320,  
-3.5080

■ 252.0320, -3.0260,  
-0.2260

■ 199.8550, 54.3320,  
-4.4840

■ 253.2060, -3.5760,  
-1.2720

■ 189.3740, 65.9320,  
-5.4600

■ 179.0070, 77.2110,  
-6.1250

■ 168.5260, 88.8110,  
-7.1010

■ 158.0450,  
100.4110, -8.0770

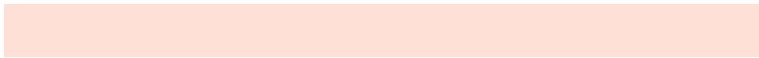
■ 147.5640,  
112.0110, -9.0530

■ 143.7170,  
115.9540, -8.9260

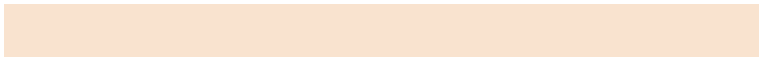
# Harmonies

## Analogous

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



232.2430, 21.3650, 3.7730



231.2980, 19.5320, -1.5560



229.6450, 11.0050, -6.7150

# Triad

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



231.2980, 19.5320, -1.5560



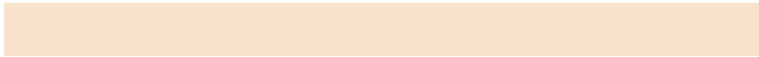
226.2960, -21.6850, -8.9890



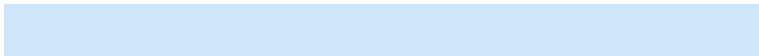
232.6230, 0.0440, 10.2200

# Complementary

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



231.2980, 19.5320, -1.5560



224.7020, -19.5320, 1.5560

# 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.



230.7570, -12.1970, 6.2910



231.2980, 19.5320, -1.5560



227.0770, -25.2620, -4.7340

# Square

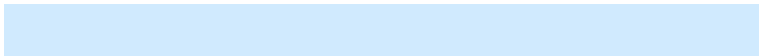
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.2980, 19.5320, -1.5560



227.2060, -12.7440, -11.3360



228.5060, -21.9160, 0.7080



233.1960, 11.5520, 10.9120



# Rectangle

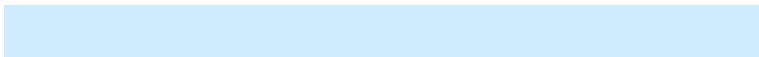
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.2980, 19.5320, -1.5560



229.0570, 3.8530, -9.2590



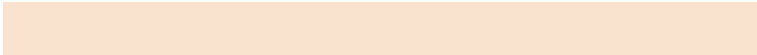
228.5060, -21.9160, 0.7080



231.9430, -3.8530, 9.2590

# Sweetspot

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



231.2980, 19.5320, -1.5560



249.4090, 6.0980, -0.3820



222.0660, 17.9700, 15.7460



124.1530, 3.9430, 0.1270



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.



231.2980, 19.5320, -1.5560



233.3370, 23.7960, -1.7400



243.6250, 13.7570, -12.5390



119.4090, 6.0980, -0.3820



109.3410, 87.8940, -7.0020

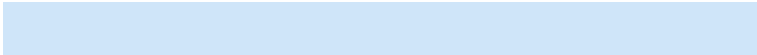


35.2620, 28.3810, -2.2350

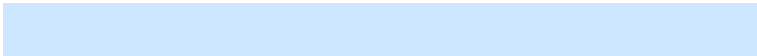


# Inverse Universe

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



224.7020, -19.5320, 1.5560



225.6630, -23.7960, 1.7400



212.3750, -13.7570, 12.5390



117.5910, -6.0980, 0.3820



79.6590, -87.8940, 7.0020

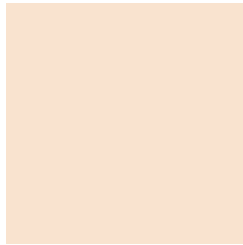


25.7380, -28.3810, 2.2350



# Previews

## White Background



This preview shows how the YIQ color 231.2980, 19.5320, -1.5560 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

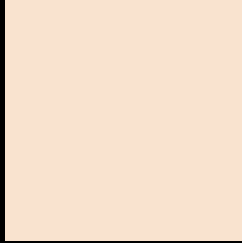
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 231.2980, 19.5320, -1.5560 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

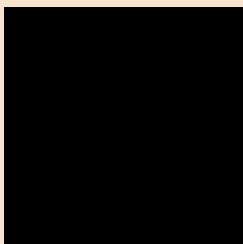
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 231.2980, 19.5320, -1.5560

## Background



This preview shows how black text looks on a background with the YIQ color 231.2980, 19.5320, -1.5560.



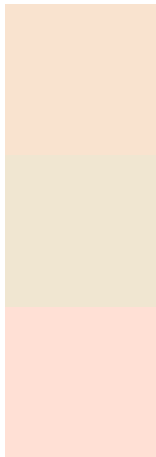
This preview shows how white text looks on a background with the YIQ color 231.2980, 19.5320,

-1.5560.

# 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**

231.2980, 19.5320, -1.5560

**Protanopia**

230.5960, 12.7010, -4.4110

**Deuteranopia**

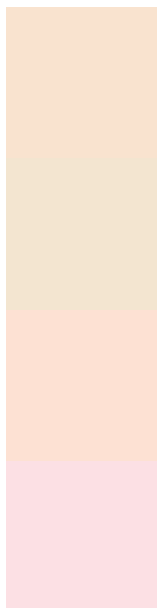
232.0150, 22.0070, 3.1510



## Tritanopia

233.3210, 12.6980, 12.1700

# Trichromacy



## Original Color

231.2980, 19.5320, -1.5560

## Protanomaly

230.7920, 15.0850, -3.5630

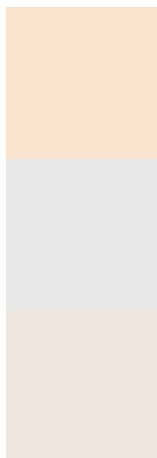
## Deuteranomaly

231.7760, 21.1820, 1.5820

## Tritanomaly

232.8280, 15.4040, 7.1800

# Monochromacy



## Original Color

231.2980, 19.5320, -1.5560

## Achromatopsia

231.0000, -0.0000, -0.0000

## Achromatomaly

231.4800, 7.3360, -0.7920

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 231.2980, 19.5320, -1.5560 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(249, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 207)  
}
```

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(249, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 207) }
```

## Border

The CSS property to change the border of an element to YIQ 231.2980, 19.5320, -1.5560 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(249, 227, 207) }
```



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

```
.border{ border-color:rgb(249, 227, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 227, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
207) }
```

# Background

The CSS property to change the background color of an element to YIQ 231.2980, 19.5320, -1.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 207) }
```

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

```
.background{ background-color: rgb(249,  
227, 207) }
```

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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