

# Converting Colors

YIQ(131.0980, 22.9710, -3.3090)

Have a look what the booklet for  
YIQ(131.0980, 22.9710, -3.3090)  
contains.

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# Color

**YIQ(131.0980, 22.9710,  
-3.3090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	977F64
RGB	151, 127, 100
RGB Percent	59%, 50%, 39%
CMY	0.4078, 0.5020, 0.6077
CMYK	0.00, 0.16, 0.34, 0.41
HSL	32°, 20%, 49%
HSV	32°, 34%, 59%
XYZ	22.6541, 22.6771, 15.2470
YIQ	131.0980, 22.9710, -3.3090

# Conversions

## Conversions Part 2

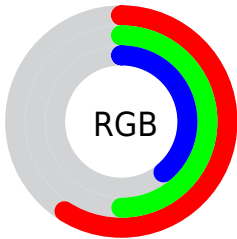
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 151, 100
Decimal	9928548
CIE <sub>Lab</sub>	54.74, 5.10, 18.10
CIE <sub>LCh</sub>	55, 18.810, 74.261
Yxy	22.6771, 0.3740, 0.3743
Android (android.graphics.Color)	4288118628 (0xFF977F64)
YUV	131.0980, -15.3313, 17.4541
Hunter-Lab	47.6204, 1.5806, 14.3510

# Details

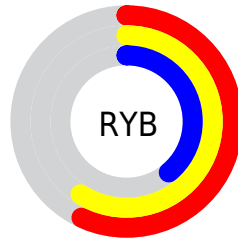
The YIQ color **131.0980, 22.9710, -3.3090** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119.9020, -22.9710, 3.3090**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.4680, 24.8050, -3.5070**, and **81.4290, 20.5410, -3.3230** is the 20% darker color. If you saturate the color by 10%, you get **125.2790, 29.7110, -4.3130**, and if you desaturate by 10%, it is **136.9170, 16.2310, -2.3050**.

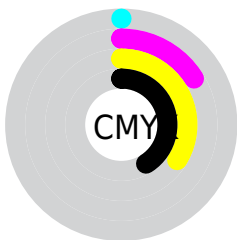
# Distribution



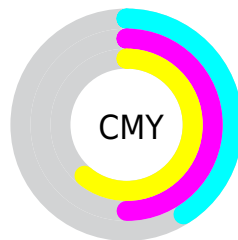
- Red (59%)
- Green (50%)
- Blue (39%)



- Red (57%)
- Yellow (59%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (34%)
- Black (41%)




- Cyan (41%)
- Magenta (50%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.0980, 22.9710, -3.3090 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 131.0980, 22.9710, -3.3090 by changing the saturation by 10% instead.





 131.0980, 22.9710,  
-3.3090


 131.0980, 22.9710,  
-3.3090


255.0000, -0.0000,  
-0.0000


 105.9130, 22.0540,  
-3.2100


 184.4680, 24.8050,  
-3.5070


 81.4290, 20.5410,  
-3.3230


 212.0660, 25.9970,  
-3.0830

 57.9450, 19.0280,  
-3.4360

 237.5600, 21.5500,  
-5.0900

 36.2330, 18.1570,  
-4.1710

 252.6060, 6.7410,  
-6.5310

 15.7150, 13.9840,  
-0.1280

 0.0000, 0.0000,  
0.0000

■ 131.0980, 22.9710,  
-3.3090

■ 131.0980, 22.9710,  
-3.3090

■ 125.2790, 29.7110,  
-4.3130

■ 136.9170, 16.2310,  
-2.3050

■ 119.4600, 36.4510,  
-5.3170

■ 142.7360, 9.4910,  
-1.3010

■ 113.6410, 43.1910,  
-6.3210

■ 148.5550, 2.7510,  
-0.2970

■ 107.8220, 49.9310,  
-7.3250

■ 154.3740, -3.9890,  
0.7070

■ 101.4160, 56.9460,  
-7.8060

■ 160.8940,  
-11.3250, 1.4990

■ 95.4830, 64.0070,  
-9.1210

■ 166.7130,  
-18.0650, 2.5030

■ 92.1090, 67.9960,  
-9.8280

■ 172.5320,  
-24.8050, 3.5070

■ 178.3510,

-31.5450, 4.5110

■ 184.1700,  
-38.2850, 5.5150

# Harmonies

## Analogous

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



132.4780, 28.0130, 4.4370



131.0980, 22.9710, -3.3090



129.1350, 12.3810, -9.6270

# Triad

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



131.0980, 22.9710, -3.3090



123.9250, -30.9460, -11.8580



133.1010, 1.6940, 13.3580

# Complementary

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



131.0980, 22.9710, -3.3090



119.9020, -22.9710, 3.3090

# 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.



131.2560, -15.0400, 8.2560



131.0980, 22.9710, -3.3090



124.7490, -36.0820, -6.8820

# Square

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



131.0980, 22.9710, -3.3090



125.6890, -18.6580, -14.2900



127.9120, -28.9310, 1.1890



133.6420, 16.2280, 14.2760



# Rectangle

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



131.0980, 22.9710, -3.3090



128.4650, 2.5240, -12.7080



127.9120, -28.9310, 1.1890



132.9370, -3.7160, 12.2840

# Sweetspot

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



131.0980, 22.9710, -3.3090



188.5510, 8.5740, -1.2020



118.0990, 22.3710, 18.5870



94.8110, 4.9060, -0.8060



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



131.0980, 22.9710, -3.3090



164.5740, 36.1300, -5.0060



144.8870, 15.7750, -16.0730



73.7400, 3.6680, -0.3960



85.2980, 63.0900, -9.0220



7.9960, 5.8230, -0.9050



# Inverse Universe

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



119.9020, -22.9710, 3.3090



147.4260, -36.1300, 5.0060



106.1130, -15.7750, 16.0730



71.6730, -3.3930, 0.9190



54.7020, -63.0900, 9.0220



5.0040, -5.8230, 0.9050



# Previews

## White Background



This preview shows how the YIQ color 131.0980, 22.9710, -3.3090 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.0980, 22.9710, -3.3090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

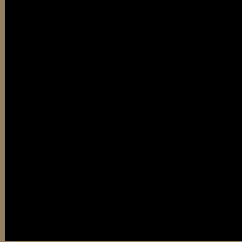
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 131.0980, 22.9710, -3.3090

## Background



This preview shows how black text looks on a background with the YIQ color 131.0980, 22.9710, -3.3090.



This preview shows how white text looks on a background with the YIQ color 131.0980, 22.9710,

-3.3090.

# 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

131.0980, 22.9710, -3.3090

### Protanopia

130.3850, 14.6730, -7.1110

### Deuteranopia

131.4080, 25.0340, -2.1500



## Tritanopia

133.2950, 15.5870, 9.3710

# Trichromacy



## Original Color

131.0980, 22.9710, -3.3090

## Protanomaly

130.8800, 17.6530, -6.0510

## Deuteranomaly

131.1090, 24.4380, -2.3620

## Tritanomaly

132.2150, 18.5680, 4.9040

# Monochromacy



## Original Color

131.0980, 22.9710, -3.3090

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

131.2520, 7.9780, -1.4140

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.0980, 22.9710, -3.3090 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(151, 127, 100)` looks like.

```
.text, #text, p{  
    color:rgb(151, 127, 100)  
}
```

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(151, 127, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 127, 100) }
```

## Border

The CSS property to change the border of an element to YIQ 131.0980, 22.9710, -3.3090 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(151, 127, 100) }
```



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

```
.border{ border-color:rgb(151, 127, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 127, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 127, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 127, 100);  
box-shadow:4px 4px 4px 4px rgb(151, 127,  
100) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.0980, 22.9710, -3.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 127, 100) }
```

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

```
.background{ background-color: rgb(151,  
127, 100) }
```

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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