

# Converting Colors

YIQ(211.8680, 44.2900, 1.2980)

Have a look what the booklet for  
YIQ(211.8680, 44.2900, 1.2980)  
contains.

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# Color

**YIQ(211.8680, 44.2900,  
1.2980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC7A5
RGB	255, 199, 165
RGB Percent	100%, 78%, 65%
CMY	0.0000, 0.2197, 0.3527
CMYK	0.00, 0.22, 0.35, 0.00
HSL	23°, 100%, 82%
HSV	23°, 35%, 100%
XYZ	68.4542, 64.8145, 44.5244
YIQ	211.8680, 44.2900, 1.2980

# Conversions

## Conversions Part 2

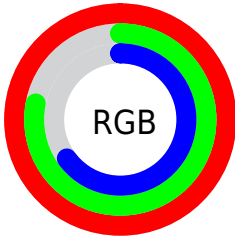
Format	Color
R <sub>Y</sub> B	255, 220, 165
Decimal	16762789
CIE Lab	84.39, 15.48, 24.63
CIE LCh	84, 29.093, 57.859
Yxy	64.8145, 0.3850, 0.3645
Android (android.graphics.Color)	4294952869 (0xFFFFC7A5)
YUV	211.8680, -23.1059, 37.8268
Hunter-Lab	80.5074, 10.8878, 23.5650

# Details

The YIQ color **211.8680, 44.2900, 1.2980** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **208.1320, -44.2900, -1.2980**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.0100, 11.2350, -10.8850**, and **156.9000, 41.2640, 1.0720** is the 20% darker color. If you saturate the color by 10%, you get **199.6260, 56.7150, 1.8910**, and if you desaturate by 10%, it is **224.2240, 31.5440, 1.0160**.

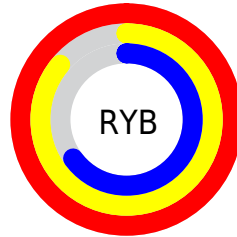
# Distribution



Red (100%)

Green (78%)

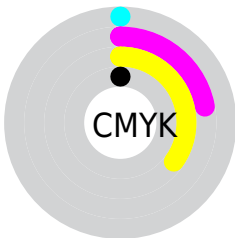
Blue (65%)



Red (100%)

Yellow (86%)

Blue (65%)

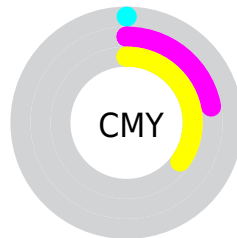


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 211.8680, 44.2900, 1.2980 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 211.8680, 44.2900, 1.2980 by changing the saturation by 10% instead.




 211.8680, 44.2900,  
1.2980


 211.8680, 44.2900,  
1.2980


255.0000, -0.0000,  
-0.0000

 184.3840, 42.7770,  
1.1850


 251.0100, 11.2350,  
-10.8850


 156.9000, 41.2640,  
1.0720

 254.3160, 1.9260,  
-1.8660

 130.1170, 39.1550,  
0.7470

 104.7470, 37.3210,  
0.9450

 80.5510, 34.9370,  
0.0970

 56.8820, 32.5070,  
0.0830

 34.0990, 30.3980,

-0.2420

■ 13.1230, 21.8230,  
6.4870

■ 0.0000, 0.0000,  
0.0000

■ 211.8680, 44.2900,  
1.2980

■ 211.8680, 44.2900,  
1.2980

■ 199.6260, 56.7150,  
1.8910

■ 224.2240, 31.5440,  
1.0160

■ 187.2700, 69.4610,  
2.1730

■ 236.4660, 19.1190,  
0.4230

■ 175.0280, 81.8860,  
2.7660

■ 248.8220, 6.3730,  
0.1410

■ 162.6720, 94.6320,  
3.0480

■ 255.0000, -0.0000,  
-0.0000

■ 151.0170,  
106.7820, 3.1180

■ 138.6610,  
119.5280, 3.4000

■ 132.5970,  
125.5800, 3.8520

# Harmonies

## Analogous

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



210.1530, 39.4740, 11.4900



211.8680, 44.2900, 1.2980



209.5470, 31.5920, -10.8720

# Triad

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



211.8680, 44.2900, 1.2980



199.4300, -43.0940, -22.9820



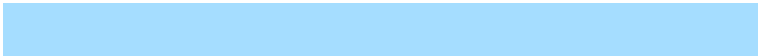
212.2060, -11.6030, 17.5570

# Complementary

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



211.8680, 44.2900, 1.2980



208.1320, -44.2900, -1.2980

# 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.



206.7140, -37.0010, 4.2710



211.8680, 44.2900, 1.2980



197.7350, -59.8300, -17.0300

# Square

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



211.8680, 44.2900, 1.2980



202.9630, -16.9140, -23.8740



201.2550, -57.9980, -6.1740



215.3680, 14.4840, 23.8600



# Rectangle

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



211.8680, 44.2900, 1.2980



207.6160, 17.9760, -17.4160



201.2550, -57.9980, -6.1740



210.3790, -19.5800, 13.4440

# Sweetspot

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



211.8680, 44.2900, 1.2980



241.8290, 13.6630, 0.1830



198.4080, 35.3430, 36.8070



119.6050, 8.4820, 0.4660



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.



211.8680, 44.2900, 1.2980



203.4730, 52.7720, 1.7640



237.6960, 32.1900, -21.7140



121.8220, 6.3730, 0.1410



99.3730, 94.0360, 2.8360

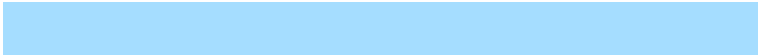


33.2240, 31.5440, 1.0160

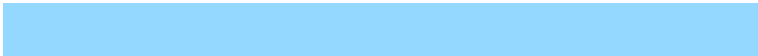


# Inverse Universe

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



208.1320, -44.2900, -1.2980



199.5270, -52.7720, -1.7640



182.3040, -32.1900, 21.7140



121.1780, -6.3730, -0.1410



91.6270, -94.0360, -2.8360



30.7760, -31.5440, -1.0160



# Previews

## White Background



This preview shows how the YIQ color 211.8680, 44.2900, 1.2980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

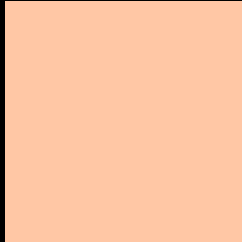
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 211.8680, 44.2900, 1.2980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

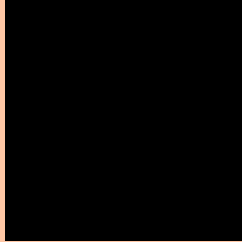
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 211.8680, 44.2900, 1.2980

## Background



This preview shows how black text looks on a background with the YIQ color 211.8680, 44.2900, 1.2980.



This preview shows how white text looks on a background with the YIQ color 211.8680, 44.2900,

1.2980.

# 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

211.8680, 44.2900, 1.2980

### Protanopia

209.6260, 21.1840, -9.4720

### Deuteranopia

211.1230, 39.0180, -2.2780



## Tritanopia

214.4220, 31.5870, 16.7630

# Trichromacy



## Original Color

211.8680, 44.2900, 1.2980

## Protanomaly

210.3390, 29.4820, -5.6700

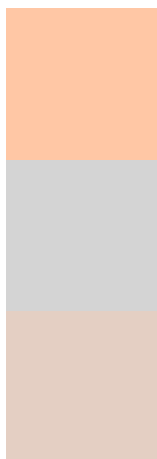
## Deuteranomaly

211.4330, 41.0810, -1.1190

## Tritanomaly

213.1850, 36.4480, 11.2640

# Monochromacy



## Original Color

211.8680, 44.2900, 1.2980

## Achromatopsia

212.0000, -0.0000, -0.0000

## Achromatomaly

211.9110, 16.3680, 0.7200

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 211.8680, 44.2900, 1.2980 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, 199, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 165)  
}
```

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, 199, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 165) }
```

## Border

The CSS property to change the border of an element to YIQ 211.8680, 44.2900, 1.2980 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, 199, 165) }
```



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

```
.border{ border-color:rgb(255, 199, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 199, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
165) }
```

# Background

The CSS property to change the background color of an element to YIQ 211.8680, 44.2900, 1.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 165) }
```

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

```
.background{ background-color: rgb(255,  
199, 165) }
```

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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