

# Converting Colors

YIQ(219.0210, 21.8700, 0.1260)

Have a look what the booklet for  
YIQ(219.0210, 21.8700, 0.1260)  
contains.

<b>YIQ(219.0210, 21.8700, 0.1260)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(219.0210, 21.8700,  
0.1260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D5C3
RGB	240, 213, 195
RGB Percent	94%, 84%, 76%
CMY	0.0588, 0.1647, 0.2352
CMYK	0.00, 0.11, 0.19, 0.06
HSL	24°, 60%, 85%
HSV	24°, 19%, 94%
XYZ	69.5844, 70.0517, 61.4988
YIQ	219.0210, 21.8700, 0.1260

# Conversions

## Conversions Part 2

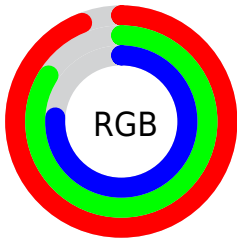
Format	Color
R <sub>Y</sub> B	240, 225, 195
Decimal	15783363
CIE Lab	87.02, 6.58, 12.30
CIE LCh	87, 13.950, 61.871
Yxy	70.0517, 0.3460, 0.3483
Android (android.graphics.Color)	4293973443 (0xFFFF0D5C3)
YUV	219.0210, -11.8424, 18.3986
Hunter-Lab	83.6969, 1.9328, 15.0227

# Details

The YIQ color  $219.0210, 21.8700, 0.1260$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $215.9790, -21.8700, -0.1260$ , and the grayscale version is  $219.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $254.6580, 0.9630, -0.9330$ , and  $163.8360, 20.9530, 0.2250$  is the 20% darker color. If you saturate the color by 10%, you get  $208.0670, 33.4240, -0.0160$ , and if you desaturate by 10%, it is  $229.9750, 10.3160, 0.2680$ .

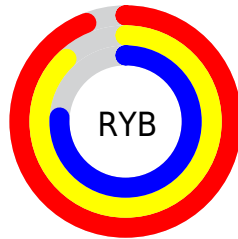
# Distribution



Red (94%)

Green (84%)

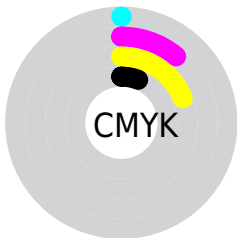
Blue (76%)



Red (94%)

Yellow (88%)

Blue (76%)

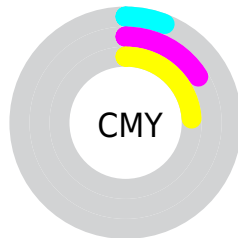


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (6%)



Cyan (6%)

Magenta (16%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0210, 21.8700, 0.1260 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 219.0210, 21.8700, 0.1260 by changing the saturation by 10% instead.




 219.0210, 21.8700,  
0.1260


 219.0210, 21.8700,  
0.1260


255.0000, -0.0000,  
-0.0000


 190.8360, 20.9530,  
0.2250


254.6580, 0.9630,  
-0.9330

 163.8360, 20.9530,  
0.2250

 137.3520, 19.4400,  
0.1120

 112.0530, 18.8440,  
-0.1000

 87.8680, 17.9270,  
-0.0010

 64.2700, 16.7350,  
-0.4250

 41.9000, 14.9010,

-0.2270

■ 21.3300, 16.5060,  
-1.7820

■ 0.0000, 0.0000,  
0.0000

■ 219.0210, 21.8700,  
0.1260

■ 219.0210, 21.8700,  
0.1260

■ 208.0670, 33.4240,  
-0.0160

■ 229.9750, 10.3160,  
0.2680

■ 196.5260, 45.2530,  
0.3650

■ 241.5160, -1.5130,  
-0.1130

■ 185.5720, 56.8070,  
0.2230

■ 250.5150, -8.9400,  
-3.1800

■ 174.0310, 68.6360,  
0.6040

■ 163.0770, 80.1900,  
0.4620

■ 152.1230, 91.7440,  
0.3200

■ 140.5820,  
103.5730, 0.7010

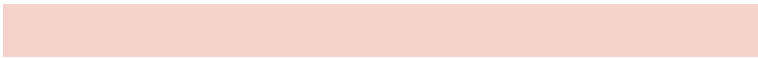
■ 129.6280,  
115.1270, 0.5590

■ 128.1120,  
116.6400, 0.6720

# Harmonies

## Analogous

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



220.1940, 23.0610, 6.0770



219.0210, 21.8700, 0.1260



217.4390, 14.5810, -5.4430

# Triad

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



219.0210, 21.8700, 0.1260



213.7260, -20.0800, -10.5440



219.3560, -3.5780, 9.7820

# Complementary

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



219.0210, 21.8700, 0.1260



215.9790, -21.8700, -0.1260

# 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.



217.6640, -16.3690, 4.8070



219.0210, 21.8700, 0.1260



213.7240, -25.7660, -6.6140

# Square

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



219.0210, 21.8700, 0.1260



214.6470, -9.6720, -11.9440



215.4840, -24.8500, -1.1860



220.7550, 8.4800, 11.5200



# Rectangle

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



219.0210, 21.8700, 0.1260



216.3240, 7.4750, -8.8210



215.4840, -24.8500, -1.1860



218.9640, -8.3460, 8.0860

# Sweetspot

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



219.0210, 21.8700, 0.1260



248.0070, 7.2900, 0.0420



211.6470, 17.8320, 18.2480



123.4520, 4.5390, 0.3390



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

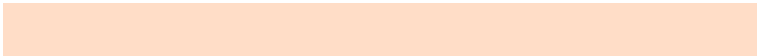


# Same Dimension

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



219.0210, 21.8700, 0.1260



228.6580, 27.3260, 0.3660



231.9350, 15.8200, -11.3800



114.5230, 5.7770, -0.0710



97.8670, 89.5890, 0.8290



29.6580, 27.3260, 0.3660

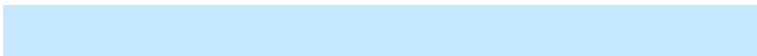


# Inverse Universe

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



215.9790, -21.8700, -0.1260



225.3420, -27.3260, -0.3660



203.0650, -15.8200, 11.3800



113.4770, -5.7770, 0.0710



85.5460, -89.3140, -0.3060

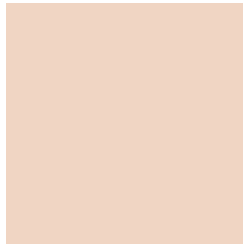


26.3420, -27.3260, -0.3660



# Previews

## White Background



This preview shows how the YIQ color 219.0210, 21.8700, 0.1260 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

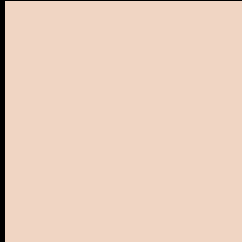
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 219.0210, 21.8700, 0.1260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

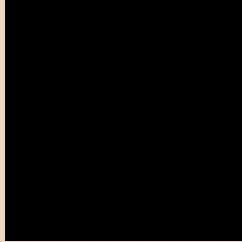
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 219.0210, 21.8700, 0.1260

## Background



This preview shows how black text looks on a background with the YIQ color 219.0210, 21.8700, 0.1260.



This preview shows how white text looks on a background with the YIQ color 219.0210, 21.8700,

0.1260.

# 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

219.0210, 21.8700, 0.1260

### Protanopia

217.7100, 12.3800, -4.1000

### Deuteranopia

219.4670, 26.5460, 3.4900



## Tritanopia

221.2890, 15.7240, 12.3960

# Trichromacy



## Original Color

219.0210, 21.8700, 0.1260

## Protanomaly

218.5040, 15.9560, -2.8280

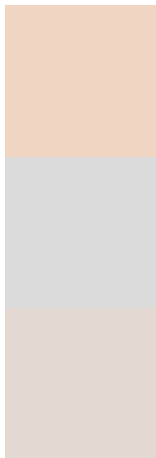
## Deuteranomaly

219.1570, 24.4830, 2.3310

## Tritanomaly

220.3230, 18.3840, 8.2400

# Monochromacy



## Original Color

219.0210, 21.8700, 0.1260

## Achromatopsia

219.0000, 0.0000, -0.0000

## Achromatomaly

219.1920, 8.2070, -0.0570

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 219.0210, 21.8700, 0.1260 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(240, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 195)  
}
```

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(240, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 195) }
```

## Border

The CSS property to change the border of an element to YIQ 219.0210, 21.8700, 0.1260 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(240, 213, 195) }
```



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

```
.border{ border-color:rgb(240, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(240, 213,  
195) }
```

# Background

The CSS property to change the background color of an element to YIQ 219.0210, 21.8700, 0.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 195) }
```

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

```
.background{ background-color: rgb(240,  
213, 195) }
```

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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