

Converting Colors

YIQ(219.0770, 44.6590,
-10.9010)

Have a look what the booklet for
YIQ(219.0770, 44.6590, -10.9010)
contains.

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Color

**YIQ(219.0770, 44.6590,
-10.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD697
RGB	255, 214, 151
RGB Percent	100%, 84%, 59%
CMY	0.0000, 0.1608, 0.4076
CMYK	0.00, 0.16, 0.41, 0.00
HSL	36°, 100%, 80%
HSV	36°, 41%, 100%
XYZ	70.8728, 71.5806, 39.3837
YIQ	219.0770, 44.6590, -10.9010

Conversions

Conversions Part 2

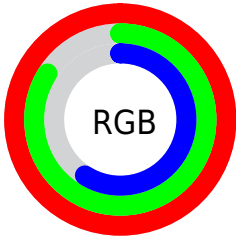
Format	Color
R _Y B	219, 255, 151
Decimal	16766615
CIE Lab	87.77, 6.13, 36.41
CIE LCh	88, 36.920, 80.437
Yxy	71.5806, 0.3898, 0.3937
Android (android.graphics.Color)	4294956695 (0xFFFFD697)
YUV	219.0770, -33.5620, 31.5045
Hunter-Lab	84.6053, 1.4679, 31.6242

Details

The YIQ color **219.0770, 44.6590, -10.9010** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **186.9230, -44.6590, 10.9010**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.4140, 15.7290, -15.2390**, and **163.5220, 41.9080, -10.6040** is the 20% darker color. If you saturate the color by 10%, you get **210.3570, 55.4340, -13.4460**, and if you desaturate by 10%, it is **227.9110, 33.5630, -8.0450**.

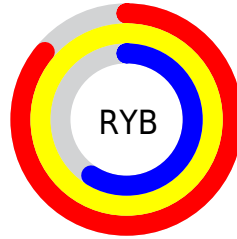
Distribution



Red (100%)

Green (84%)

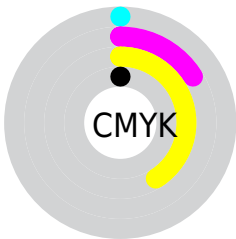
Blue (59%)



Red (86%)

Yellow (100%)

Blue (59%)

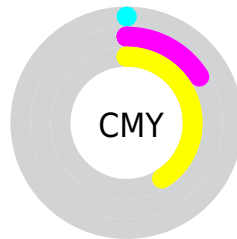


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.0770, 44.6590, -10.9010 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 219.0770, 44.6590, -10.9010 by changing the saturation by 10% instead.


 219.0770, 44.6590,
-10.9010


 219.0770, 44.6590,
-10.9010


255.0000, -0.0000,
-0.0000


 190.7070, 42.8250,
-10.7030


 249.4140, 15.7290,
-15.2390


 163.5220, 41.9080,
-10.6040

 252.6060, 6.7410,
-6.5310

 136.8530, 39.4780,
-10.6180

 111.3690, 37.9650,
-10.7310

 86.1730, 35.5810,
-11.5790

 62.0480, 34.4350,
-12.8370

 41.4310, 26.2270,

-7.2530

■ 22.2160, 16.8270,
-2.0930

■ 0.0000, 0.0000,
0.0000

■ 219.0770, 44.6590,
-10.9010

■ 219.0770, 44.6590,
-10.9010

■ 210.3570, 55.4340,
-13.4460

■ 227.9110, 33.5630,
-8.0450

■ 201.5230, 66.5300,
-16.3020

■ 236.6310, 22.7880,
-5.5000

■ 192.8030, 77.3050,
-18.8470

■ 245.4650, 11.6920,
-2.6440

■ 183.9690, 88.4010,
-21.7030

■ 254.1850, 0.9170,
-0.0990

■ 175.2490, 99.1760, 255.0000, -0.0000,
-24.2480 -0.0000

■ 166.6430,
109.6300, -26.4820

Harmonies

Analogous

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



213.8570, 42.8230, 0.3510



219.0770, 44.6590, -10.9010



215.4110, 19.8110, -23.1410

Triad

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



219.0770, 44.6590, -10.9010



200.5860, -78.7640, -26.3160



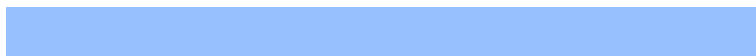
224.1770, 13.7040, 26.9840

Complementary

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



219.0770, 44.6590, -10.9010



186.9230, -44.6590, 10.9010

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.



217.7660, -16.4160, 11.1680



219.0770, 44.6590, -10.9010



201.1010, -78.5360, -19.4320

Square

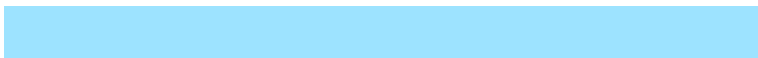
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.0770, 44.6590, -10.9010



205.4520, -49.3280, -31.1520



209.2620, -50.7080, -6.1320



217.2720, 23.5620, 24.5380

Rectangle

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



219.0770, 44.6590, -10.9010



212.8150, -2.0580, -28.7940



209.2620, -50.7080, -6.1320



222.6380, 4.8560, 22.1360

Sweetspot

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



219.0770, 44.6590, -10.9010



244.4220, 13.2510, -3.3650



186.8840, 48.5020, 35.1100



121.2520, 7.9780, -1.4140



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.



219.0770, 44.6590, -10.9010



211.9870, 53.6000, -13.2480



240.1540, 27.4240, -34.4640



122.9960, 5.8230, -0.9050



125.2010, 81.9360, -20.1760



42.0290, 27.4190, -6.8290

Inverse Universe

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



186.9230, -44.6590, 10.9010



173.0130, -53.6000, 13.2480



165.8460, -27.4240, 34.4640



119.4170, -5.5480, 1.4280



65.7990, -81.9360, 20.1760



21.9710, -27.4190, 6.8290

Previews

White Background



This preview shows how the YIQ color 219.0770, 44.6590, -10.9010 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 219.0770, 44.6590, -10.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

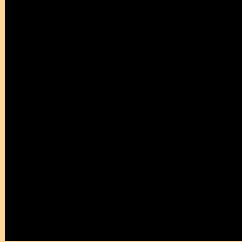
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.0770, 44.6590, -10.9010

Background



This preview shows how black text looks on a background with the YIQ color 219.0770, 44.6590, -10.9010.



This preview shows how white text looks on a background with the YIQ color 219.0770, 44.6590, -10.9010.

-10.9010.

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

219.0770, 44.6590, -10.9010

Protanopia

217.8580, 31.9140, -16.7100

Deuteranopia

220.4280, 39.4770, -5.0910



Tritanopia

223.5350, 23.8390, 14.0070

Trichromacy



Original Color

219.0770, 44.6590, -10.9010

Protanomaly

218.3640, 36.3610, -14.7030

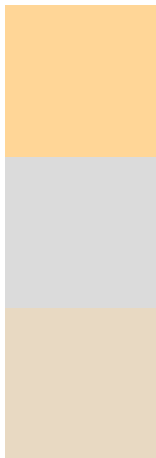
Deuteranomaly

219.7440, 41.4030, -6.9570

Tritanomaly

221.8590, 31.3140, 5.1860

Monochromacy



Original Color

219.0770, 44.6590, -10.9010

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.8630, 16.3230, -3.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0770, 44.6590, -10.9010 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, 214, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 151)  
}
```

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, 214, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 151) }
```

Border

The CSS property to change the border of an element to YIQ 219.0770, 44.6590, -10.9010 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, 214, 151) }
```


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

```
.border{ border-color:rgb(255, 214, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0770, 44.6590, -10.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 151) }
```

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

```
.background{ background-color: rgb(255,  
214, 151) }
```

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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