

Converting Colors

YIQ(219.8920, 43.7420,
-10.8020)

Have a look what the booklet for
YIQ(219.8920, 43.7420, -10.8020)
contains.

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Color

**YIQ(219.8920, 43.7420,
-10.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD799
RGB	255, 215, 153
RGB Percent	100%, 84%, 60%
CMY	0.0000, 0.1569, 0.3998
CMYK	0.00, 0.16, 0.40, 0.00
HSL	36°, 100%, 80%
HSV	36°, 40%, 100%
XYZ	71.2906, 72.1540, 40.3312
YIQ	219.8920, 43.7420, -10.8020

Conversions

Conversions Part 2

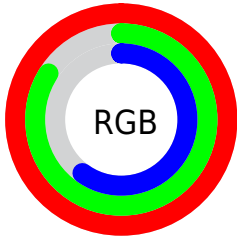
Format	Color
R _Y B	219, 255, 153
Decimal	16766873
CIE Lab	88.04, 5.83, 35.75
CIE LCh	88, 36.223, 80.735
Yxy	72.1540, 0.3879, 0.3926
Android (android.graphics.Color)	4294956953 (0xFFFFD799)
YUV	219.8920, -32.9778, 30.7897
Hunter-Lab	84.9435, 1.1586, 31.3096

Details

The YIQ color **219.8920, 43.7420, -10.8020** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **188.1080, -43.7420, 10.8020**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6420, 15.0870, -14.6170**, and **164.3370, 40.9910, -10.5050** is the 20% darker color. If you saturate the color by 10%, you get **211.1720, 54.5170, -13.3470**, and if you desaturate by 10%, it is **228.7260, 32.6460, -7.9460**.

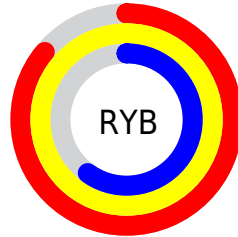
Distribution



Red (100%)

Green (84%)

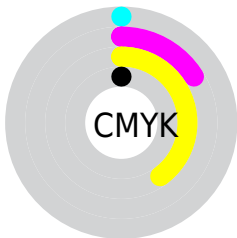
Blue (60%)



Red (86%)

Yellow (100%)

Blue (60%)

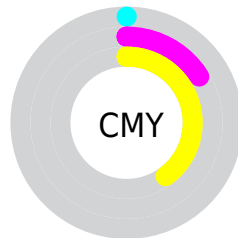


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.8920, 43.7420, -10.8020 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 219.8920, 43.7420, -10.8020 by changing the saturation by 10% instead.


 219.8920, 43.7420,
-10.8020

 219.8920, 43.7420,
-10.8020


255.0000, -0.0000,
-0.0000


 191.8210, 42.5040,
-10.3920


 249.6420, 15.0870,
-14.6170


 164.3370, 40.9910,
-10.5050

 252.8340, 6.0990,
-5.9090

 137.5540, 38.8820,
-10.8300

 112.1840, 37.0480,
-10.6320

 87.2870, 35.2600,
-11.2680

 62.8630, 33.5180,
-12.7380

 42.0180, 25.9520,

-7.7760

■ 22.8030, 16.5520,
-2.6160

■ 0.0000, 0.0000,
0.0000

■ 219.8920, 43.7420,
-10.8020

■ 219.8920, 43.7420,
-10.8020

■ 211.1720, 54.5170,
-13.3470

■ 228.7260, 32.6460,
-7.9460

■ 202.3380, 65.6130,
-16.2030

■ 237.4460, 21.8710,
-5.4010

■ 193.6180, 76.3880,
-18.7480

■ 246.2800, 10.7750,
-2.5450

■ 184.7840, 87.4840,
-21.6040

■ 255.0000, -0.0000,
-0.0000

■ 176.0640, 98.2590,
-24.1490

■ 167.2300,
109.3550, -27.0050

Harmonies

Analogous

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



215.2590, 41.6310, -0.0730



219.8920, 43.7420, -10.8020



216.2260, 18.8940, -23.0420

Triad

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



219.8920, 43.7420, -10.8020



202.4830, -76.9760, -25.6800



224.7640, 13.4290, 26.4610

Complementary

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



219.8920, 43.7420, -10.8020



188.1080, -43.7420, 10.8020

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.



218.9510, -15.4990, 11.0690



219.8920, 43.7420, -10.8020



203.1830, -75.8310, -18.8950

Square

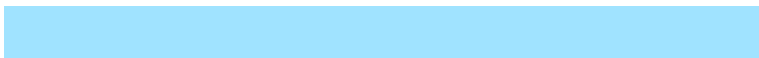
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.8920, 43.7420, -10.8020



206.2780, -48.7780, -30.1060



210.1590, -48.9200, -5.4960



217.8590, 23.2870, 24.0150

Rectangle

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



219.8920, 43.7420, -10.8020



213.3420, -2.1040, -27.9600



210.1590, -48.9200, -5.4960



223.2250, 4.5810, 21.6130

Sweetspot

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



219.8920, 43.7420, -10.8020



244.4220, 13.2510, -3.3650



188.1720, 47.6310, 34.3750



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.



219.8920, 43.7420, -10.8020



212.9160, 52.3620, -12.8380



240.3820, 26.7820, -33.8420



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.



188.1080, -43.7420, 10.8020



175.0840, -52.3620, 12.8380



167.6180, -26.7820, 33.8420



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 219.8920, 43.7420, -10.8020 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 219.8920, 43.7420, -10.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

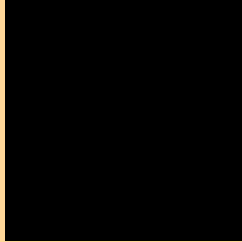
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.8920, 43.7420, -10.8020

Background



This preview shows how black text looks on a background with the YIQ color 219.8920, 43.7420, -10.8020.



This preview shows how white text looks on a background with the YIQ color 219.8920, 43.7420,

-10.8020.

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

219.8920, 43.7420, -10.8020

Protanopia

218.6730, 30.9970, -16.6110

Deuteranopia

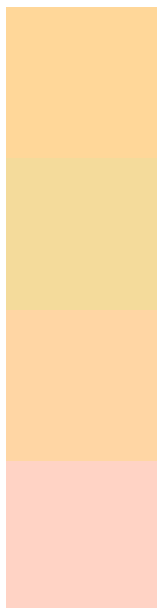
221.3570, 38.2390, -4.6810



Tritanopia

224.2360, 23.2430, 13.7950

Trichromacy



Original Color

219.8920, 43.7420, -10.8020

Protanomaly

219.1790, 35.4440, -14.6040

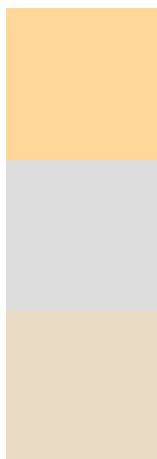
Deuteranomaly

220.5590, 40.4860, -6.8580

Tritanomaly

222.5600, 30.7180, 4.9740

Monochromacy



Original Color

219.8920, 43.7420, -10.8020

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9770, 16.0020, -3.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8920, 43.7420, -10.8020 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, 215, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 153)  
}
```

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, 215, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 153) }
```

Border

The CSS property to change the border of an element to YIQ 219.8920, 43.7420, -10.8020 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, 215, 153) }
```


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

```
.border{ border-color:rgb(255, 215, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8920, 43.7420, -10.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 153) }
```

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

```
.background{ background-color: rgb(255,  
215, 153) }
```

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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