

Converting Colors

YIQ(220.8900, 20.8610, 1.8930)

Have a look what the booklet for
YIQ(220.8900, 20.8610, 1.8930)
contains.

YIQ(220.8900, 20.8610, 1.8930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(220.8900, 20.8610,
1.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D6C9
RGB	242, 214, 201
RGB Percent	95%, 84%, 79%
CMY	0.0509, 0.1608, 0.2117
CMYK	0.00, 0.12, 0.17, 0.05
HSL	19°, 61%, 87%
HSV	19°, 17%, 95%
XYZ	71.2121, 71.1852, 65.2598
YIQ	220.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

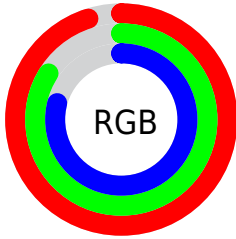
Format	Color
R _Y B	242, 220, 201
Decimal	15914697
CIE Lab	87.57, 7.68, 9.95
CIE LCh	88, 12.571, 52.337
Yxy	71.1852, 0.3429, 0.3428
Android (android.graphics.Color)	4294104777 (0xFF2D6C9)
YUV	220.8900, -9.8058, 18.5135
Hunter-Lab	84.3713, 3.0098, 13.2001

Details

The YIQ color **220.8900, 20.8610, 1.8930** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222.1100, -20.8610, -1.8930**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.7050, 19.9440, 1.9920** is the 20% darker color. If you saturate the color by 10%, you get **208.1750, 33.2400, 3.3200**, and if you desaturate by 10%, it is **233.6050, 8.4820, 0.4660**.

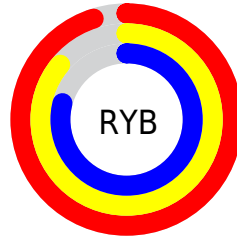
Distribution



Red (95%)

Green (84%)

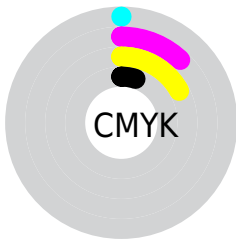
Blue (79%)



Red (95%)

Yellow (86%)

Blue (79%)

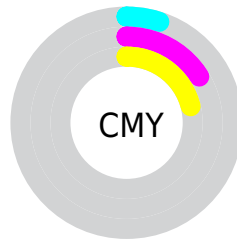


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8900, 20.8610, 1.8930 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 220.8900, 20.8610, 1.8930 by changing the saturation by 10% instead.

220.8900, 20.8610,
1.8930

220.8900, 20.8610,
1.8930

255.0000, -0.0000,
-0.0000

192.7050, 19.9440,
1.9920

165.7050, 19.9440,
1.9920

139.1070, 18.7520,
1.5680

113.9220, 17.8350,
1.6670

89.3240, 16.6430,
1.2430

66.0250, 16.0470,
1.0310

43.5410, 14.5340,

0.9180

■ 22.0850, 15.8180,
-0.3260

■ 0.0000, 0.0000,
0.0000

■ 220.8900, 20.8610,
1.8930

■ 220.8900, 20.8610,
1.8930

■ 208.1750, 33.2400,
3.3200

■ 233.6050, 8.4820,
0.4660

■ 196.0470, 45.3440,
4.2240

■ 245.7330, -3.6220,
-0.4380

■ 183.2180, 58.0440,
5.3400

■ 251.1130, -7.7480,
-2.7560

■ 171.0900, 70.1480,
6.2440

■ 158.3750, 82.5270,
7.6710

■ 146.2470, 94.6310,
8.5750

■ 133.5320,
107.0100, 10.0020

■ 121.2900,
119.4350, 10.5950

■ 117.5570,
123.0570, 11.0330

Harmonies

Analogous

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



222.0520, 20.5850, 6.8970



220.8900, 20.8610, 1.8930



219.9770, 16.0020, -3.6620

Triad

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



220.8900, 20.8610, 1.8930



216.1780, -15.5410, -10.2050



220.0350, -7.1080, 7.6760

Complementary

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



220.8900, 20.8610, 1.8930



222.1100, -20.8610, -1.8930

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.



218.4250, -17.1940, 3.2380



220.8900, 20.8610, 1.8930



216.0510, -22.3730, -7.5330

Square

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



220.8900, 20.8610, 1.8930



217.0390, -4.9040, -10.2480



216.9140, -23.2450, -2.7410



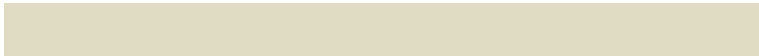
221.6620, 4.3080, 10.0360

Rectangle

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



220.8900, 20.8610, 1.8930



218.4600, 10.0880, -6.6160



216.9140, -23.2450, -2.7410



219.9420, -11.2800, 6.1920

Sweetspot

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



220.8900, 20.8610, 1.8930



248.2350, 6.6480, 0.6640



216.5650, 15.1270, 17.7110



123.5660, 4.2180, 0.6500



0.0000, 0.0000, 0.0000



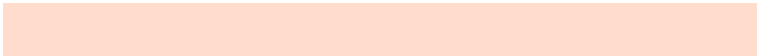
128.0000, -0.0000, -0.0000

Same Dimension

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



220.8900, 20.8610, 1.8930



228.6410, 25.9960, 2.4440



232.6300, 15.3610, -8.5670



113.9360, 6.0520, 0.4520



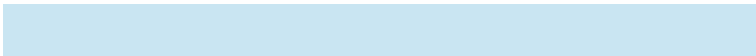
89.0620, 93.7140, 8.6740



27.3100, 28.4260, 2.4580

Inverse Universe

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



222.1100, -20.8610, -1.8930



230.3590, -25.9960, -2.4440



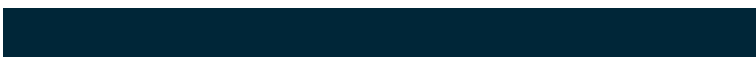
210.3700, -15.3610, 8.5670



114.0640, -6.0520, -0.4520



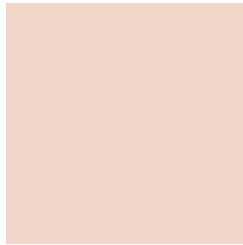
94.9380, -93.7140, -8.6740



28.6900, -28.4260, -2.4580

Previews

White Background



This preview shows how the YIQ color 220.8900, 20.8610, 1.8930 looks on a white background.

Color Contrast Check

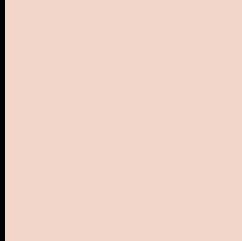
Large Text (above 18pt) WCAG AA × Fail

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 220.8900, 20.8610, 1.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

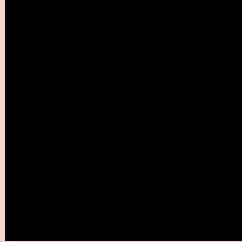
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.8900, 20.8610, 1.8930

Background



This preview shows how black text looks on a background with the YIQ color 220.8900, 20.8610, 1.8930.



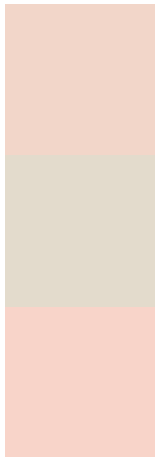
This preview shows how white text looks on a background with the YIQ color 220.8900, 20.8610,

1.8930.

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

220.8900, 20.8610, 1.8930

Protanopia

219.6820, 9.5830, -2.9690

Deuteranopia

221.5100, 24.9870, 4.2110



Tritanopia

222.4030, 15.4030, 12.7070

Trichromacy



Original Color

220.8900, 20.8610, 1.8930

Protanomaly

219.8890, 13.4340, -1.1740

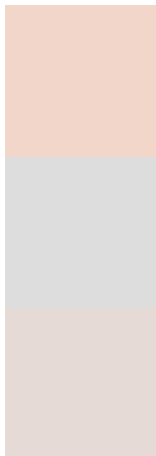
Deuteranomaly

221.4990, 23.5200, 3.2640

Tritanomaly

221.6650, 17.4210, 9.1730

Monochromacy



Original Color

220.8900, 20.8610, 1.8930

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8900, 20.8610, 1.8930 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(242, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 201)  
}
```

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(242, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 201) }
```

Border

The CSS property to change the border of an element to YIQ 220.8900, 20.8610, 1.8930 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(242, 214, 201) }
```


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

```
.border{ border-color:rgb(242, 214, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8900, 20.8610, 1.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 201) }
```

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

```
.background{ background-color: rgb(242,  
214, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor