

# Converting Colors

YIQ(225.1890, 13.4300, 20.9340)

Have a look what the booklet for  
YIQ(225.1890, 13.4300, 20.9340)  
contains.

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# Color

**YIQ(225.1890, 13.4300,  
20.9340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD0F6
RGB	251, 208, 246
RGB Percent	98%, 82%, 96%
CMY	0.0156, 0.1844, 0.0353
CMYK	0.00, 0.17, 0.02, 0.02
HSL	307°, 84%, 90%
HSV	307°, 17%, 98%
XYZ	78.9822, 72.2724, 96.9808
YIQ	225.1890, 13.4300, 20.9340

# Conversions

## Conversions Part 2

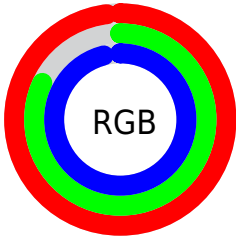
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 208, 246
Decimal	16503030
CIE <sub>Lab</sub>	88.10, 21.37, -12.95
CIE <sub>LCh</sub>	88, 24.986, 328.789
Yxy	72.2724, 0.3182, 0.2911
Android (android.graphics.Color)	4294693110 (0xFFFBD0F6)
YUV	225.1890, 10.2598, 22.6362
Hunter-Lab	85.0132, 17.0639, -8.1273

# Details

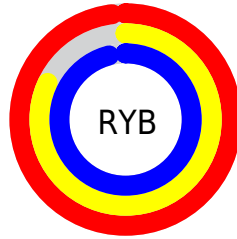
The YIQ color  $225.1890, 13.4300, 20.9340$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $233.8110, -13.4300, -20.9340$ , and the grayscale version is  $225.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $169.4770, 12.5590, 20.1990$  is the 20% darker color. If you saturate the color by 10%, you get  $210.1720, 21.2680, 33.0760$ , and if you desaturate by 10%, it is  $240.2060, 5.5920, 8.7920$ .

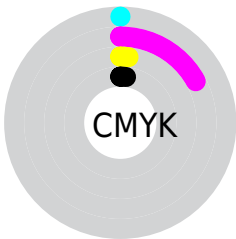
# Distribution



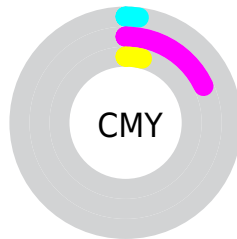
- Red (98%)
- Green (82%)
- Blue (96%)



- Red (98%)
- Yellow (82%)
- Blue (96%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 225.1890, 13.4300, 20.9340 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 225.1890, 13.4300, 20.9340 by changing the saturation by 10% instead.





 225.1890, 13.4300,  
20.9340


 225.1890, 13.4300,  
20.9340


255.0000, -0.0000,  
-0.0000


 196.8900, 12.8340,  
20.7220

 169.4770, 12.5590,  
20.1990

 143.0640, 12.2840,  
19.6760

 117.2380, 11.7340,  
18.6300

 92.5260, 10.8630,  
17.8950

 68.1130, 10.5880,  
17.3720

 45.4010, 9.7170,

16.6370

■ 23.6890, 8.8460,  
15.9020

■ 8.3740, 5.1790,  
10.7710

■ 225.1890, 13.4300,  
20.9340

■ 225.1890, 13.4300,  
20.9340

■ 210.1720, 21.2680,  
33.0760

■ 240.2060, 5.5920,  
8.7920

■ 195.1550, 29.1060,  
45.2180

■ 253.4620, -1.4210,  
-1.7810

■ 180.1380, 36.9440,  
57.3600

■ 253.8040, -2.3840,  
-0.8480

■ 165.1210, 44.7820,  
69.5020

■ 149.5170, 52.8950,  
82.1670

■ 134.5000, 60.7330,  
94.3090

■ 119.4830, 68.5710,  
106.4510

■ 104.5800, 76.0880,  
118.9040

■ 100.3570, 78.3340,  
122.2540

# Harmonies

## Analogous

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



222.2510, -7.4760, 14.3480



225.1890, 13.4300, 20.9340



221.4150, 24.2970, 16.7210

# Triad

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



225.1890, 13.4300, 20.9340



220.1490, 26.9610, -9.5430



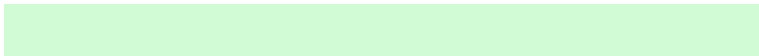
211.4050, -49.9730, -13.9490

# Complementary

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



225.1890, 13.4300, 20.9340



233.8110, -13.4300, -20.9340

# 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.



212.2460, -36.5840, -19.8160



225.1890, 13.4300, 20.9340



217.6410, 7.6600, -17.6840

# Square

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



225.1890, 13.4300, 20.9340



220.7360, 35.8540, -0.0020



214.4410, -15.2640, -20.7360



213.4150, -46.7650, -6.0050



# Rectangle

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



225.1890, 13.4300, 20.9340



220.1780, 29.1580, 11.2220



214.4410, -15.2640, -20.7360



211.3790, -47.0840, -16.7480

# Sweetspot

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



225.1890, 13.4300, 20.9340



247.2550, 3.8960, 6.4880



214.3970, -10.8230, 14.4330



123.1900, 2.5210, 3.8730



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.



225.1890, 13.4300, 20.9340



222.6180, 16.7760, 26.3760



222.6810, 20.4920, 14.0920



117.1410, 4.2170, 6.1770



75.5490, 59.0370, 92.0050



24.3950, 19.0220, 29.7260



# Inverse Universe

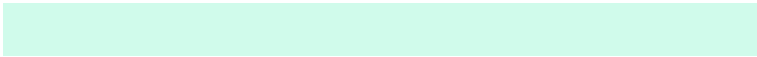
The Inverse Universe completely reimagines the original color for something new.



225.1890, 13.4300, 20.9340



222.6180, 16.7760, 26.3760



236.3190, -20.4920, -14.0920



117.1410, 4.2170, 6.1770



75.5490, 59.0370, 92.0050

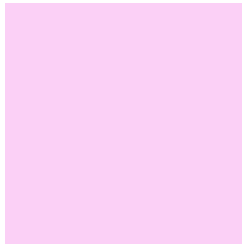


24.3950, 19.0220, 29.7260



# Previews

## White Background



This preview shows how the YIQ color 225.1890, 13.4300, 20.9340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

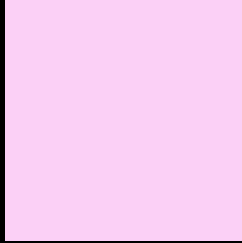
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 225.1890, 13.4300, 20.9340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

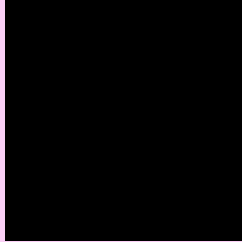
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 225.1890, 13.4300, 20.9340

## Background



This preview shows how black text looks on a background with the YIQ color 225.1890, 13.4300, 20.9340.



This preview shows how white text looks on a background with the YIQ color 225.1890, 13.4300,

20.9340.

# 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

225.1890, 13.4300, 20.9340

### Protanopia

221.6800, -13.2980, 9.7260

### Deuteranopia

223.5030, 0.5020, 12.9340



## Tritanopia

224.0010, 16.5950, 13.1310

# Trichromacy



## Original Color

225.1890, 13.4300, 20.9340

## Protanomaly

222.8770, -3.4870, 13.6410

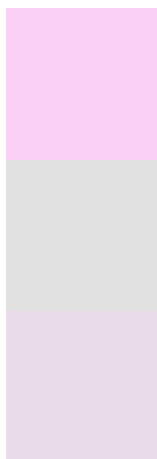
## Deuteranomaly

223.8350, 5.4990, 15.9870

## Tritanomaly

224.5110, 15.2190, 16.0430

# Monochromacy



## Original Color

225.1890, 13.4300, 20.9340

## Achromatopsia

225.0000, -0.0000, -0.0000

## Achromatomaly

225.0810, 4.4460, 7.5340

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 225.1890, 13.4300, 20.9340 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(251, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 246)  
}
```

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(251, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 246) }
```

## Border

The CSS property to change the border of an element to YIQ 225.1890, 13.4300, 20.9340 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(251, 208, 246) }
```



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

```
.border{ border-color:rgb(251, 208, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
246) }
```

# Background

The CSS property to change the background color of an element to YIQ 225.1890, 13.4300, 20.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 246) }
```

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

```
.background{ background-color: rgb(251,  
208, 246) }
```

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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