

Converting Colors

YIQ(216.5910, 29.4330, 11.7450)

Have a look what the booklet for
YIQ(216.5910, 29.4330, 11.7450)
contains.

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Color

**YIQ(216.5910, 29.4330,
11.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC9CC
RGB	252, 201, 204
RGB Percent	99%, 79%, 80%
CMY	0.0116, 0.2118, 0.1999
CMYK	0.00, 0.20, 0.19, 0.01
HSL	356°, 90%, 89%
HSV	356°, 20%, 99%
XYZ	71.9405, 66.8256, 66.2521
YIQ	216.5910, 29.4330, 11.7450

Conversions

Conversions Part 2

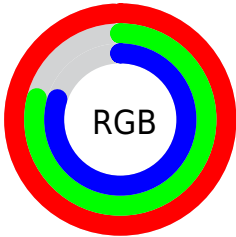
Format	Color
R _Y B	252, 201, 204
Decimal	16566732
CIE Lab	85.42, 18.53, 5.38
CIE LCh	85, 19.295, 16.185
Yxy	66.8256, 0.3509, 0.3259
Android (android.graphics.Color)	4294756812 (0xFFFC9CC)
YUV	216.5910, -6.2074, 31.0537
Hunter-Lab	81.7470, 14.0298, 9.1711

Details

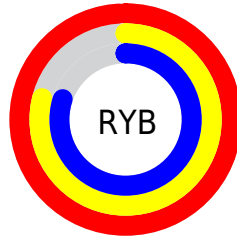
The YIQ color **216.5910, 29.4330, 11.7450** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **236.4090, -29.4330, -11.7450**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.6940, 27.6450, 11.1090** is the 20% darker color. If you saturate the color by 10%, you get **199.1800, 44.0120, 17.3560**, and if you desaturate by 10%, it is **234.0020, 14.8540, 6.1340**.

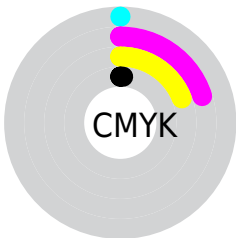
Distribution



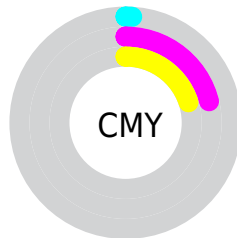
- Red (99%)
- Green (79%)
- Blue (80%)



- Red (99%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 216.5910, 29.4330, 11.7450 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 216.5910, 29.4330, 11.7450 by changing the saturation by 10% instead.


 216.5910, 29.4330,
11.7450


 216.5910, 29.4330,
11.7450


255.0000, -0.0000,
-0.0000


 188.9930, 28.2410,
11.3210

 161.6940, 27.6450,
11.1090

 135.0960, 26.4530,
10.6850

 109.4980, 25.2610,
10.2610

 84.9000, 24.0690,
9.8370

 61.4160, 22.5560,
9.7240

 38.6330, 20.4470,

9.3990

■ 15.8180, 21.3640,
9.3000

■ 0.0000, 0.0000,
0.0000

■ 216.5910, 29.4330,
11.7450

■ 216.5910, 29.4330,
11.7450

■ 199.1800, 44.0120,
17.3560

■ 234.0020, 14.8540,
6.1340

■ 181.8830, 58.2700,
23.2780

■ 251.2990, 0.5960,
0.2120

■ 163.8850, 73.1240,
29.4120

■ 254.1030, -1.7880,
-0.6360

■ 146.4740, 87.7030,
35.0230

■ 129.1770,
101.9610, 40.9450

■ 111.7660,
116.5400, 46.5560

■ 94.3550, 131.1190,
52.1670

■ 77.0580, 145.3770,
58.0890

Harmonies

Analogous

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



217.2510, 18.8870, 15.6470



216.5910, 29.4330, 11.7450



215.3320, 31.3600, 4.3520

Triad

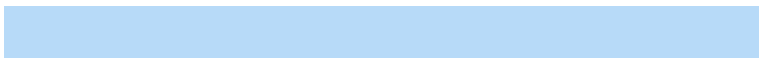
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.5910, 29.4330, 11.7450



209.1760, -4.0320, -15.0400



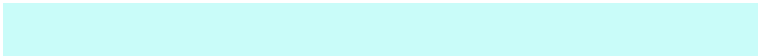
210.9550, -30.4900, 1.9100

Complementary

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



216.5910, 29.4330, 11.7450



236.4090, -29.4330, -11.7450

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.



207.7920, -37.6410, -6.1610



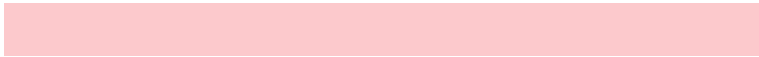
216.5910, 29.4330, 11.7450



207.9660, -20.9960, -15.9720

Square

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



216.5910, 29.4330, 11.7450



211.3800, 13.0690, -11.0830



206.5440, -34.2470, -12.6070



214.3100, -15.1320, 9.9240

Rectangle

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



216.5910, 29.4330, 11.7450



214.2020, 28.6100, -0.8780



206.5440, -34.2470, -12.6070



209.5200, -33.6990, -0.5070

Sweetspot

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



216.5910, 29.4330, 11.7450



244.5990, 8.6190, 3.4910



221.1660, 12.2370, 26.0370



121.6910, 5.3640, 1.9080



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.



216.5910, 29.4330, 11.7450



212.5810, 35.3930, 13.8650



229.1630, 24.3460, -0.6940



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.6950, 35.0720, 14.1760

Inverse Universe

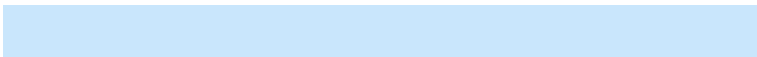
The Inverse Universe completely reimagines the original color for something new.



216.5910, 29.4330, 11.7450



212.5810, 35.3930, 13.8650



223.8370, -24.3460, 0.6940



116.0010, 7.4270, 3.0670



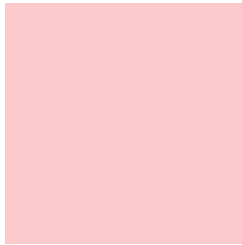
57.7650, 109.1130, 43.4890



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 216.5910, 29.4330, 11.7450 looks on a white background.

Color Contrast Check

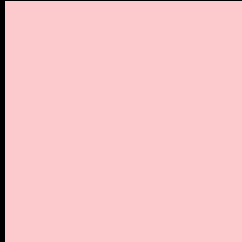
Large Text (above 18pt) WCAG AA × Fail

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 216.5910, 29.4330, 11.7450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

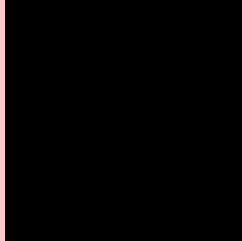
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.5910, 29.4330, 11.7450

Background



This preview shows how black text looks on a background with the YIQ color 216.5910, 29.4330, 11.7450.



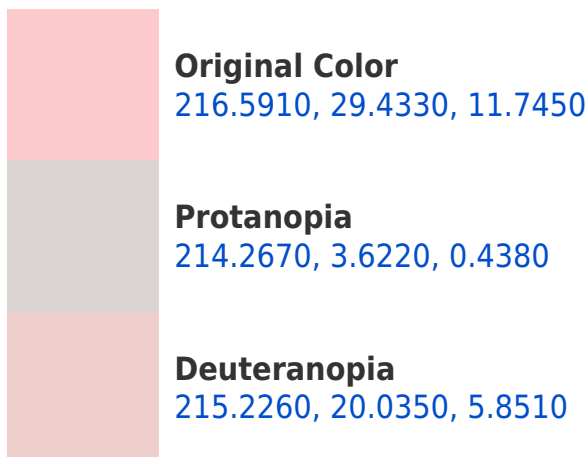
This preview shows how white text looks on a background with the YIQ color 216.5910, 29.4330,

11.7450.

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





Tritanopia

216.9700, 27.0480, 16.4240

Trichromacy



Original Color

216.5910, 29.4330, 11.7450

Protanomaly

215.1650, 12.8370, 4.1410

Deuteranomaly

215.5470, 23.5650, 7.9570

Tritanomaly

217.1010, 28.0570, 14.6570

Monochromacy



Original Color

216.5910, 29.4330, 11.7450

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7950, 11.0030, 4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5910, 29.4330, 11.7450 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(252, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 204)  
}
```

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(252, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 204) }
```

Border

The CSS property to change the border of an element to YIQ 216.5910, 29.4330, 11.7450 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(252, 201, 204) }
```


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

```
.border{ border-color:rgb(252, 201, 204) }
```

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

Here you see how a box with a 4 pixel rgb(252, 201, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5910, 29.4330, 11.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 204) }
```

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

```
.background{ background-color: rgb(252,  
201, 204) }
```

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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