

Converting Colors

YIQ(213.6990, 29.2490, 15.0810)

Have a look what the booklet for
YIQ(213.6990, 29.2490, 15.0810)
contains.

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Color

**YIQ(213.6990, 29.2490,
15.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC4CF
RGB	251, 196, 207
RGB Percent	98%, 77%, 81%
CMY	0.0155, 0.2314, 0.1881
CMYK	0.00, 0.22, 0.18, 0.02
HSL	348°, 87%, 88%
HSV	348°, 22%, 98%
XYZ	70.7969, 64.4915, 67.7658
YIQ	213.6990, 29.2490, 15.0810

Conversions

Conversions Part 2

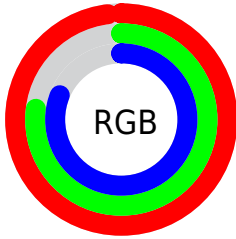
Format	Color
R _Y B	251, 196, 207
Decimal	16499919
CIE _{Lab}	84.22, 21.25, 2.04
CIE _{LCh}	84, 21.351, 5.475
Yxy	64.4915, 0.3487, 0.3176
Android (android.graphics.Color)	4294689999 (0xFFFB4CF)
YUV	213.6990, -3.3026, 32.7130
Hunter-Lab	80.3066, 16.8258, 6.1835

Details

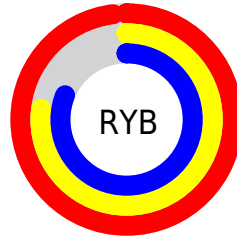
The YIQ color **213.6990, 29.2490, 15.0810** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **233.3010, -29.2490, -15.0810**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8260, 0.5500, 1.0460**, and **158.8020, 27.4610, 14.4450** is the 20% darker color. If you saturate the color by 10%, you get **196.7440, 42.5440, 21.9360**, and if you desaturate by 10%, it is **230.6540, 15.9540, 8.2260**.

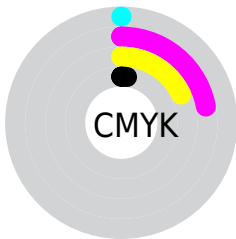
Distribution



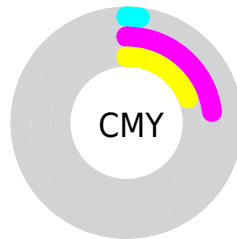
- Red (98%)
- Green (77%)
- Blue (81%)



- Red (98%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (2%)




- Cyan (2%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.6990, 29.2490, 15.0810 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 213.6990, 29.2490, 15.0810 by changing the saturation by 10% instead.


 213.6990, 29.2490,
15.0810


 213.6990, 29.2490,
15.0810


255.0000, -0.0000,
-0.0000


 186.1010, 28.0570,
14.6570


 253.8260, 0.5500,
1.0460

 158.8020, 27.4610,
14.4450

 132.2040, 26.2690,
14.0210

 106.6060, 25.0770,
13.5970

 82.0080, 23.8850,
13.1730

 58.4100, 22.6930,
12.7490

 35.6270, 20.5840,

12.4240

■ 13.5130, 20.9050,
12.1130

■ 0.0000, 0.0000,
0.0000

■ 213.6990, 29.2490,
15.0810

■ 213.6990, 29.2490,
15.0810

■ 196.7440, 42.5440,
21.9360

■ 230.6540, 15.9540,
8.2260

■ 179.7890, 55.8390,
28.7910

■ 247.6090, 2.6590,
1.3710

■ 162.8340, 69.1340,
35.6460

■ 253.8040, -2.3840,
-0.8480

■ 145.8790, 82.4290,
42.5010

■ 128.3370, 95.9990,
49.8790

■ 111.3820,
109.2940, 56.7340

■ 94.4270, 122.5890,
63.5890

■ 80.7490, 133.5460,
68.7620

Harmonies

Analogous

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



213.8640, 15.7230, 17.9230



213.6990, 29.2490, 15.0810



212.7070, 34.7980, 8.1260

Triad

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



213.6990, 29.2490, 15.0810



206.4710, 2.3870, -15.7330



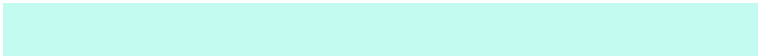
205.6550, -38.5130, -1.3690

Complementary

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



213.6990, 29.2490, 15.0810



233.3010, -29.2490, -15.0810

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.



202.9330, -42.5920, -10.0480



213.6990, 29.2490, 15.0810



204.0650, -16.9610, -17.5130

Square

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



213.6990, 29.2490, 15.0810



209.0280, 19.9920, -9.8960



202.4360, -34.0630, -15.9430



209.7650, -23.8430, 8.1010

Rectangle

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



213.6990, 29.2490, 15.0810



211.5340, 33.6070, 2.1750



202.4360, -34.0630, -15.9430



204.4050, -40.8050, -3.8850

Sweetspot

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



213.6990, 29.2490, 15.0810



242.8380, 9.4440, 5.0600



215.1270, 7.9730, 26.2210



120.5170, 5.9140, 2.9540



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.



213.6990, 29.2490, 15.0810



210.2160, 35.1630, 18.0350



221.8370, 28.3800, 3.2920



116.2290, 6.7850, 3.6890



60.8430, 100.4460, 51.8860



19.6070, 32.5040, 16.6640

Inverse Universe

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



213.6990, 29.2490, 15.0810



210.2160, 35.1630, 18.0350



225.1630, -28.3800, -3.2920



116.2290, 6.7850, 3.6890



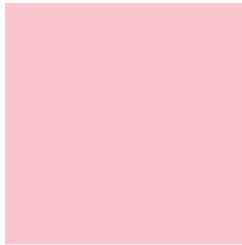
60.8430, 100.4460, 51.8860



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 213.6990, 29.2490, 15.0810 looks on a white background.

Color Contrast Check

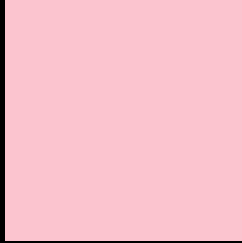
Large Text (above 18pt) WCAG AA × Fail

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 213.6990, 29.2490, 15.0810 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 213.6990, 29.2490, 15.0810

Background



This preview shows how black text looks on a background with the YIQ color 213.6990, 29.2490, 15.0810.



This preview shows how white text looks on a background with the YIQ color 213.6990, 29.2490,

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

213.6990, 29.2490, 15.0810

Protanopia

210.8800, 0.4580, 2.7140

Deuteranopia

212.0130, 16.3210, 7.0810



Tritanopia

213.5680, 28.2400, 16.8480

Trichromacy



Original Color

213.6990, 29.2490, 15.0810

Protanomaly

211.7890, 11.1400, 7.3640

Deuteranomaly

212.3450, 21.3180, 10.1340

Tritanomaly

213.4540, 28.5610, 16.5370

Monochromacy



Original Color

213.6990, 29.2490, 15.0810

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.4360, 10.6360, 5.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.6990, 29.2490, 15.0810 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, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 196, 207)  
}
```

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, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 196, 207) }
```

Border

The CSS property to change the border of an element to YIQ 213.6990, 29.2490, 15.0810 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, 196, 207) }
```


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

```
.border{ border-color:rgb(251, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 196, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 196, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 196,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 213.6990, 29.2490, 15.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 196, 207) }
```

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

```
.background{ background-color: rgb(251,  
196, 207) }
```

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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