

Converting Colors

YIQ(215.4590, 12.9700, 29.2740)

Have a look what the booklet for
YIQ(215.4590, 12.9700, 29.2740)
contains.

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Color

**YIQ(215.4590, 12.9700,
29.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C1FB
RGB	246, 193, 251
RGB Percent	96%, 76%, 98%
CMY	0.0351, 0.2432, 0.0157
CMYK	0.02, 0.23, 0.00, 0.02
HSL	295°, 88%, 87%
HSV	295°, 23%, 98%
XYZ	74.4985, 64.6956, 99.8292
YIQ	215.4590, 12.9700, 29.2740

Conversions

Conversions Part 2

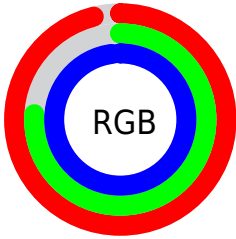
Format	Color
R _Y B	246, 193, 251
Decimal	16171515
CIE Lab	84.33, 28.56, -21.32
CIE LCh	84, 35.642, 323.264
Yxy	64.6956, 0.3117, 0.2707
Android (android.graphics.Color)	4294361595 (0xFFFF6C1FB)
YUV	215.4590, 17.5217, 26.7845
Hunter-Lab	80.4336, 24.5699, -17.2836

Details

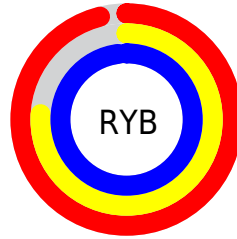
The YIQ color $215.4590, 12.9700, 29.2740$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $228.5410, -12.9700, -29.2740$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $160.2200, 12.1450, 27.7050$ is the 20% darker color. If you saturate the color by 10%, you get $200.1860, 18.6530, 41.9250$, and if you desaturate by 10%, it is $230.7320, 7.2870, 16.6230$.

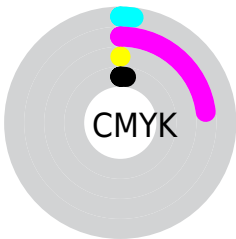
Distribution



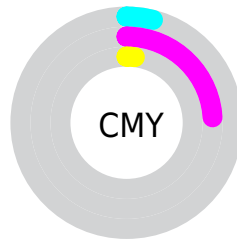
- Red (96%)
- Green (76%)
- Blue (98%)



- Red (96%)
- Yellow (76%)
- Blue (98%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.4590, 12.9700, 29.2740 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 215.4590, 12.9700, 29.2740 by changing the saturation by 10% instead.


 215.4590, 12.9700,
29.2740


 215.4590, 12.9700,
29.2740


255.0000, -0.0000,
-0.0000


 187.6330, 12.4200,
28.2280


 252.0650, 1.3750,
2.6150

 160.2200, 12.1450,
27.7050

 133.8070, 11.8700,
27.1820

 108.0950, 10.9990,
26.4470

 83.2690, 10.4490,
25.4010

 59.4430, 9.8990,
24.3550

 36.1440, 9.3030,

24.1430

■ 16.3780, 8.5240,
21.7400

■ 2.6220, -7.3830,
7.1530

■ 215.4590, 12.9700,
29.2740

■ 215.4590, 12.9700,
29.2740

■ 200.1860, 18.6530,
41.9250

■ 230.7320, 7.2870,
16.6230

■ 184.9130, 24.3360,
54.5760

■ 246.0050, 1.6040,
3.9720

■ 169.6400, 30.0190,
67.2270

■ 253.6470, -0.5040,
-1.8800

■ 154.0680, 35.1060,
79.6660

■ 254.5440, 1.2840,
-1.2440

■ 138.2080, 41.0640,
92.8400

■ 122.9350, 46.7470,
105.4910

■ 107.6620, 52.4300,
118.1420

■ 97.3840, 56.5090,
126.8210

Harmonies

Analogous

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



210.1130, -15.7750, 16.0730



215.4590, 12.9700, 29.2740



210.3930, 30.5310, 24.8910

Triad

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



215.4590, 12.9700, 29.2740



209.3970, 40.7620, -11.8620



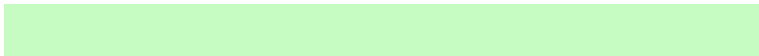
192.1240, -77.3430, -24.5350

Complementary

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



215.4590, 12.9700, 29.2740



228.5410, -12.9700, -29.2740

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.



195.6200, -49.7410, -29.1730



215.4590, 12.9700, 29.2740



205.5570, 16.4640, -23.0560

Square

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



215.4590, 12.9700, 29.2740



208.1350, 47.9120, 1.7360



200.9860, -15.7210, -28.9770



194.0460, -76.7030, -14.1030

Rectangle

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



215.4590, 12.9700, 29.2740



207.1840, 38.1890, 18.2610



200.9860, -15.7210, -28.9770



192.6640, -70.2360, -26.6840

Sweetspot

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



215.4590, 12.9700, 29.2740



243.8360, 3.7580, 8.9900



203.1340, -20.2680, 14.9000



121.2440, 2.4290, 5.5410



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.



215.4590, 12.9700, 29.2740



211.5290, 15.9490, 35.8610



214.3320, 23.3330, 23.1810



117.0700, 2.9790, 6.5870



73.2730, 42.4390, 95.4550



23.6980, 13.7950, 30.8430

Inverse Universe

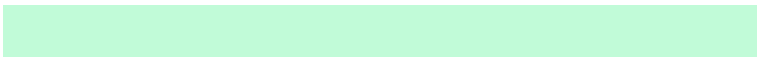
The Inverse Universe completely reimagines the original color for something new.



210.9120, 32.9630, 13.8510



205.9130, 40.3900, 16.9180



229.6680, -23.3330, -23.1810



116.1150, 7.1060, 3.3780



58.3350, 107.5080, 45.0440



18.8090, 34.7510, 14.4870

Previews

White Background



This preview shows how the YIQ color 215.4590, 12.9700, 29.2740 looks on a white background.

Color Contrast Check

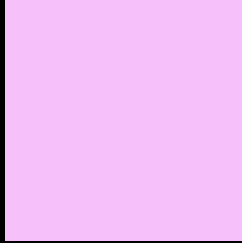
Large Text (above 18pt) WCAG AA × Fail

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 215.4590, 12.9700, 29.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

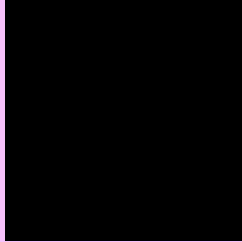
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.4590, 12.9700, 29.2740

Background



This preview shows how black text looks on a background with the YIQ color 215.4590, 12.9700, 29.2740.



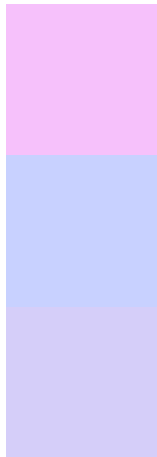
This preview shows how white text looks on a background with the YIQ color 215.4590, 12.9700,

29.2740.

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

215.4590, 12.9700, 29.2740

Protanopia

211.5530, -20.1300, 12.3980

Deuteranopia

212.9950, -9.6310, 14.8570



Tritanopia

213.9690, 19.6210, 13.3570

Trichromacy



Original Color

215.4590, 12.9700, 29.2740



Protanomaly

213.0000, -8.0270, 18.8290



Deuteranomaly

213.7620, -1.4250, 20.3270



Tritanomaly

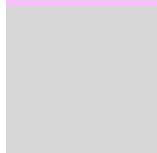
214.2880, 17.4650, 19.3930

Monochromacy



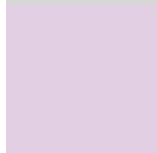
Original Color

215.4590, 12.9700, 29.2740



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.0750, 4.5830, 10.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.4590, 12.9700, 29.2740 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(246, 193, 251)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 251)  
}
```

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(246, 193, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 251) }
```

Border

The CSS property to change the border of an element to YIQ 215.4590, 12.9700, 29.2740 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(246, 193, 251) }
```


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

```
.border{ border-color:rgb(246, 193, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 215.4590, 12.9700, 29.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 251) }
```

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

```
.background{ background-color: rgb(246,  
193, 251) }
```

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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