

# Converting Colors

YIQ(210.5730, 12.6490, 29.5850)

Have a look what the booklet for  
YIQ(210.5730, 12.6490, 29.5850)  
contains.

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# Color

**YIQ(210.5730, 12.6490,  
29.5850)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1BCF7
RGB	241, 188, 247
RGB Percent	95%, 74%, 97%
CMY	0.0547, 0.2628, 0.0314
CMYK	0.02, 0.24, 0.00, 0.03
HSL	294°, 79%, 85%
HSV	294°, 24%, 97%
XYZ	71.0570, 61.3805, 96.0991
YIQ	210.5730, 12.6490, 29.5850

# Conversions

## Conversions Part 2

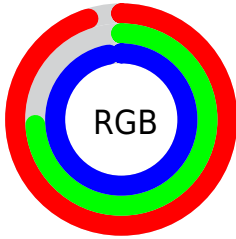
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 188, 247
Decimal	15842551
CIE Lab	82.58, 28.87, -21.87
CIE LCh	83, 36.220, 322.848
Yxy	61.3805, 0.3109, 0.2686
Android (android.graphics.Color)	4294032631 (0xFFF1BCF7)
YUV	210.5730, 17.9585, 26.6845
Hunter-Lab	78.3457, 24.7885, -17.8833

# Details

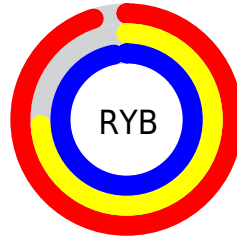
The YIQ color  $210.5730, 12.6490, 29.5850$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $224.4270, -12.6490, -29.5850$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.1300, 2.7500, 5.2300$ , and  $155.4480, 11.5030, 28.3270$  is the 20% darker color. If you saturate the color by 10%, you get  $195.3000, 18.3320, 42.2360$ , and if you desaturate by 10%, it is  $226.1450, 7.5620, 17.1460$ .

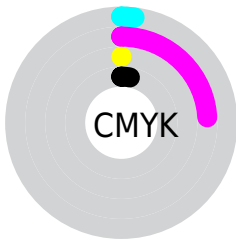
# Distribution



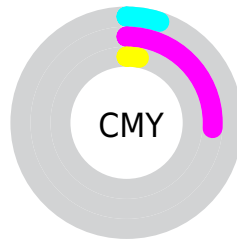
- Red (95%)
- Green (74%)
- Blue (97%)



- Red (95%)
- Yellow (74%)
- Blue (97%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)




- Cyan (5%)
- Magenta (26%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5730, 12.6490, 29.5850 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 210.5730, 12.6490, 29.5850 by changing the saturation by 10% instead.





 210.5730, 12.6490,  
29.5850


 210.5730, 12.6490,  
29.5850


255.0000, -0.0000,  
-0.0000


 182.7470, 12.0990,  
28.5390


 249.1300, 2.7500,  
5.2300

 155.4480, 11.5030,  
28.3270

 129.5080, 11.2740,  
26.9700

 103.7960, 10.4030,  
26.2350

 79.2690, 10.4490,  
25.4010

 55.5570, 9.5780,  
24.6660

 31.5570, 9.5780,

24.6660

■ 15.1390, 7.6990,  
20.1710

■ 2.7530, -6.3740,  
5.3860

■ 210.5730, 12.6490,  
29.5850

■ 210.5730, 12.6490,  
29.5850

■ 195.3000, 18.3320,  
42.2360

■ 226.1450, 7.5620,  
17.1460

■ 180.3150, 23.1440,  
54.1520

■ 240.8310, 2.1540,  
5.0180

■ 165.0420, 28.8270,  
66.8030

■ 252.2940, -1.0080,  
-3.7600

■ 149.4700, 33.9140,  
79.2420

■ 252.8920, 0.1840,  
-3.3360

■ 134.1970, 39.5970,  
91.8930

■ 253.7890, 1.9720,  
-2.7000

■ 119.2120, 44.4090,  
103.8090

■ 254.0880, 2.5680,  
-2.4880

■ 103.9390, 50.0920,  
116.4600

■ 94.5360, 53.0250,  
123.8810

# Harmonies

## Analogous

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



205.9710, -18.2510, 16.8930



210.5730, 12.6490, 29.5850



207.0020, 33.1900, 26.2620

# Triad

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



210.5730, 12.6490, 29.5850



204.5820, 41.6790, -11.9610



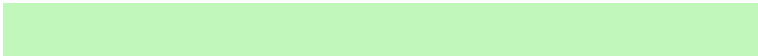
185.9280, -79.7270, -25.3830

# Complementary

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



210.5730, 12.6490, 29.5850



224.4270, -12.6490, -29.5850

# 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.



190.6090, -51.2080, -30.1200



210.5730, 12.6490, 29.5850



200.4430, 16.7850, -23.3670

# Square

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



210.5730, 12.6490, 29.5850



204.6300, 50.8920, 2.7960



195.8720, -15.4000, -29.2880



189.0070, -80.9670, -13.9190



# Rectangle

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



210.5730, 12.6490, 29.5850



203.7930, 40.8480, 19.6320



195.8720, -15.4000, -29.2880



186.6530, -71.7030, -27.6310

# Sweetspot

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



210.5730, 12.6490, 29.5850



243.8360, 3.7580, 8.9900



198.8350, -20.8640, 14.6880



120.9450, 1.8330, 5.3290



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.



210.5730, 12.6490, 29.5850



209.4690, 16.1780, 37.2180



209.7450, 23.6080, 23.7040



114.6570, 2.7040, 6.0640



71.1370, 39.8260, 93.2500



22.5730, 12.6490, 29.5850



# Inverse Universe

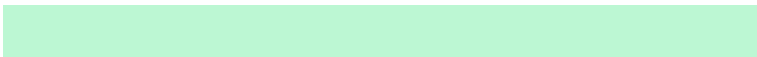
The Inverse Universe completely reimagines the original color for something new.



206.3250, 33.2380, 14.3740



204.0380, 41.5360, 18.1760



225.2550, -23.6080, -23.7040



113.7020, 6.8310, 2.8550



57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740



# Previews

## White Background



This preview shows how the YIQ color 210.5730, 12.6490, 29.5850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

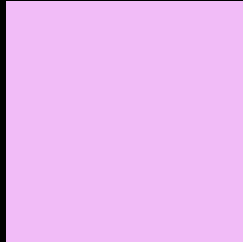
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 210.5730, 12.6490, 29.5850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

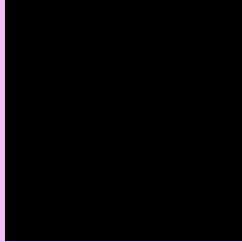
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 210.5730, 12.6490, 29.5850

## Background



This preview shows how black text looks on a background with the YIQ color 210.5730, 12.6490, 29.5850.



This preview shows how white text looks on a background with the YIQ color 210.5730, 12.6490,



# 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

210.5730, 12.6490, 29.5850

### Protanopia

206.5250, -22.9270, 13.5290

### Deuteranopia

207.6960, -10.2270, 14.6450



## Tritanopia

208.9690, 19.6210, 13.3570

# Trichromacy



## Original Color

210.5730, 12.6490, 29.5850



## Protanomaly

207.7440, -10.1820, 19.3380



## Deuteranomaly

208.4630, -2.0210, 20.1150



## Tritanomaly

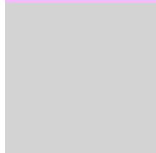
209.2880, 17.4650, 19.3930

# Monochromacy



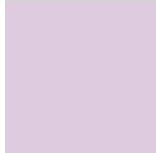
## Original Color

210.5730, 12.6490, 29.5850



## Achromatopsia

211.0000, 0.0000, -0.0000



## Achromatomaly

211.0750, 4.5830, 10.5590

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.5730, 12.6490, 29.5850 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(241, 188, 247)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 247)  
}
```

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(241, 188, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 247) }
```

## Border

The CSS property to change the border of an element to YIQ 210.5730, 12.6490, 29.5850 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(241, 188, 247) }
```



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

```
.border{ border-color:rgb(241, 188, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 188, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
247) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.5730, 12.6490, 29.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 247) }
```

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

```
.background{ background-color: rgb(241,  
188, 247) }
```

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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