

# Converting Colors

YIQ(210.0030, 14.2540, 28.0300)

Have a look what the booklet for  
YIQ(210.0030, 14.2540, 28.0300)  
contains.

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# Color

**YIQ(210.0030, 14.2540,  
28.0300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1BCF2
RGB	241, 188, 242
RGB Percent	95%, 74%, 95%
CMY	0.0547, 0.2628, 0.0510
CMYK	0.00, 0.22, 0.00, 0.05
HSL	299°, 68%, 84%
HSV	299°, 22%, 95%
XYZ	70.2956, 61.0760, 92.0912
YIQ	210.0030, 14.2540, 28.0300

# Conversions

## Conversions Part 2

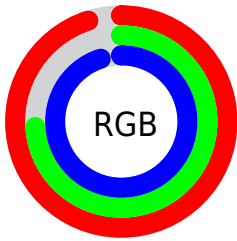
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 188, 242
Decimal	15842546
CIE <sub>Lab</sub>	82.42, 27.95, -19.45
CIE <sub>LCh</sub>	82, 34.049, 325.161
Y <sub>xy</sub>	61.0760, 0.3146, 0.2733
Android (android.graphics.Color)	4294032626 (0xFFF1BCF2)
Y <sub>UV</sub>	210.0030, 15.7745, 27.1844
Hunter-Lab	78.1511, 23.7933, -15.1600

# Details

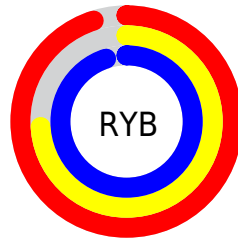
The YIQ color **210.0030, 14.2540, 28.0300** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **219.9970, -14.2540, -28.0300**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.1300, 2.7500, 5.2300**, and **154.8780, 13.1080, 26.7720** is the 20% darker color. If you saturate the color by 10%, you get **195.9150, 20.8540, 40.5820**, and if you desaturate by 10%, it is **224.0910, 7.6540, 15.4780**.

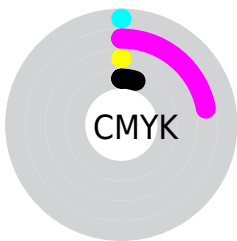
# Distribution



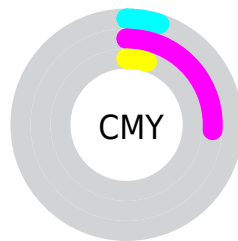
- Red (95%)
- Green (74%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)




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


# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.0030, 14.2540, 28.0300 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 210.0030, 14.2540, 28.0300 by changing the saturation by 10% instead.





 210.0030, 14.2540,  
28.0300


 210.0030, 14.2540,  
28.0300


255.0000, -0.0000,  
-0.0000


 182.2910, 13.3830,  
27.2950


 249.1300, 2.7500,  
5.2300

 154.8780, 13.1080,  
26.7720

 129.0520, 12.5580,  
25.7260

 103.6390, 12.2830,  
25.2030

 78.8130, 11.7330,  
24.1570

 55.1010, 10.8620,  
23.4220

 31.8020, 10.2660,

23.2100

■ 15.0960, 9.2580,  
19.4500

■ 2.2970, -5.0900,  
4.1420

■ 210.0030, 14.2540,  
28.0300

■ 210.0030, 14.2540,  
28.0300

■ 195.9150, 20.8540,  
40.5820

■ 224.0910, 7.6540,  
15.4780

■ 181.5280, 26.8580,  
52.9220

■ 238.4780, 1.6500,  
3.1380

■ 166.8530, 33.7330,  
65.9970

■ 249.6310, -3.5750,  
-6.7990

■ 152.4660, 39.7370,  
78.3370

■ 249.9300, -2.9790,  
-6.5870

■ 138.3780, 46.3370,  
90.8890

■ 250.2290, -2.3830,  
-6.3750

■ 123.9910, 52.3410,  
103.2290

■ 250.5280, -1.7870,  
-6.1630

■ 109.9030, 58.9410,  
115.7810

■ 98.7500, 64.1660,  
125.7180

# Harmonies

## Analogous

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



206.5800, -15.5920, 18.2640



210.0030, 14.2540, 28.0300



207.2470, 33.8780, 24.8060

# Triad

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



210.0030, 14.2540, 28.0300



203.7280, 38.3320, -11.8760



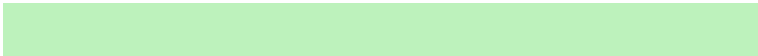
187.7440, -73.2170, -22.2170

# Complementary

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



210.0030, 14.2540, 28.0300



219.9970, -14.2540, -28.0300

# 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.



190.9730, -49.2370, -27.2930



210.0030, 14.2540, 28.0300



200.4150, 13.9880, -22.2360

# Square

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



210.0030, 14.2540, 28.0300



205.9180, 50.0210, 2.0610



196.4420, -17.0050, -27.7330



191.4210, -73.2650, -10.3290



# Rectangle

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



210.0030, 14.2540, 28.0300



204.7390, 40.9400, 17.9640



196.4420, -17.0050, -27.7330



188.6860, -67.3020, -24.7900

# Sweetspot

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



210.0030, 14.2540, 28.0300



244.4340, 4.9500, 9.4140



195.3300, -17.8840, 15.7480



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.



210.0030, 14.2540, 28.0300



214.1980, 18.3790, 35.8750



207.4520, 22.8750, 20.4670



112.9560, 3.3000, 6.2760



74.7960, 48.2160, 95.3840



22.8290, 14.8040, 29.0760



# Inverse Universe

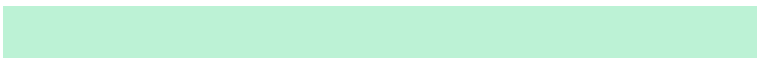
The Inverse Universe completely reimagines the original color for something new.



204.2600, 31.8630, 11.7590



206.7450, 40.8030, 14.9390



222.5480, -22.8750, -20.4670



111.5880, 7.1520, 2.5440



55.3580, 108.7010, 39.9410



16.8580, 33.0550, 12.1830



# Previews

## White Background



This preview shows how the YIQ color 210.0030, 14.2540, 28.0300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

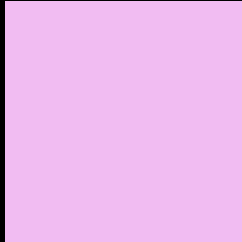
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 210.0030, 14.2540, 28.0300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

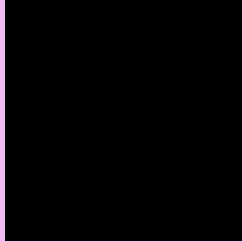
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 210.0030, 14.2540, 28.0300

## Background



This preview shows how black text looks on a background with the YIQ color 210.0030, 14.2540, 28.0300.



This preview shows how white text looks on a background with the YIQ color 210.0030, 14.2540,



# 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

210.0030, 14.2540, 28.0300

### Protanopia

205.8950, -21.0930, 13.3310

### Deuteranopia

207.2510, -7.4760, 14.3480



## Tritanopia

208.2680, 20.2170, 13.5690

# Trichromacy



## Original Color

210.0030, 14.2540, 28.0300



## Protanomaly

207.5870, -8.3020, 18.3060



## Deuteranomaly

208.6050, 0.4550, 19.2950



## Tritanomaly

209.0600, 18.1070, 18.7710

# Monochromacy



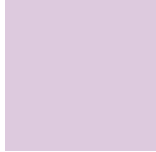
## Original Color

210.0030, 14.2540, 28.0300



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

209.9610, 4.9040, 10.2480

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.0030, 14.2540, 28.0300 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 242) }
```

## Border

The CSS property to change the border of an element to YIQ 210.0030, 14.2540, 28.0300 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, 242) }
```



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

```
.border{ border-color:rgb(241, 188, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
242) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.0030, 14.2540, 28.0300 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, 242) }
```

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

```
.background{ background-color: rgb(241,  
188, 242) }
```

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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