

Converting Colors

YIQ(221.2540, 14.8050, 23.5490)

Have a look what the booklet for
YIQ(221.2540, 14.8050, 23.5490)
contains.

YIQ(221.2540, 14.8050, 23.5490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(221.2540, 14.8050,
23.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	FACAF5
RGB	250, 202, 245
RGB Percent	98%, 79%, 96%
CMY	0.0195, 0.2079, 0.0392
CMYK	0.00, 0.19, 0.02, 0.02
HSL	306°, 83%, 89%
HSV	306°, 19%, 98%
XYZ	77.0355, 69.1552, 95.6795
YIQ	221.2540, 14.8050, 23.5490

Conversions

Conversions Part 2

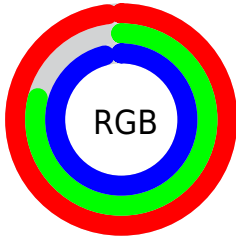
Format	Color
R _{YB}	250, 202, 245
Decimal	16435957
CIE _{Lab}	86.58, 24.02, -14.70
CIE _{LCh}	87, 28.163, 328.533
Yxy	69.1552, 0.3185, 0.2859
Android (android.graphics.Color)	4294626037 (0xFFFACAF5)
YUV	221.2540, 11.7068, 25.2102
Hunter-Lab	83.1596, 19.8253, -10.0045

Details

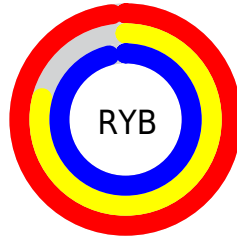
The YIQ color $221.2540, 14.8050, 23.5490$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $230.7460, -14.8050, -23.5490$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.1290, 13.6590, 22.2910$ is the 20% darker color. If you saturate the color by 10%, you get $206.2370, 22.6430, 35.6910$, and if you desaturate by 10%, it is $236.2710, 6.9670, 11.4070$.

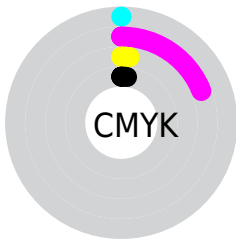
Distribution



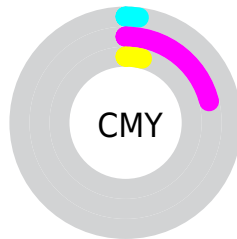
- Red (98%)
- Green (79%)
- Blue (96%)



- Red (98%)
- Yellow (79%)
- Blue (96%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.2540, 14.8050, 23.5490 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 221.2540, 14.8050, 23.5490 by changing the saturation by 10% instead.

221.2540, 14.8050,
23.5490

221.2540, 14.8050,
23.5490

255.0000, -0.0000,
-0.0000

192.9550, 14.2090,
23.3370

166.1290, 13.6590,
22.2910

139.7160, 13.3840,
21.7680

113.3030, 13.1090,
21.2450

88.5910, 12.2380,
20.5100

64.8790, 11.3670,
19.7750

42.0530, 10.8170,

18.7290

■ 19.7540, 10.2210,
18.5170

■ 6.3520, 2.2450,
8.8770

■ 221.2540, 14.8050,
23.5490

■ 221.2540, 14.8050,
23.5490

■ 206.2370, 22.6430,
35.6910

■ 236.2710, 6.9670,
11.4070

■ 191.3340, 30.1600,
48.1440

■ 251.1740, -0.5500,
-1.0460

■ 176.3170, 37.9980,
60.2860

■ 253.2770, -2.3380,
-1.6820

■ 161.4140, 45.5150,
72.7390

■ 253.5050, -2.9800,
-1.0600

■ 146.3970, 53.3530,
84.8810

■ 131.3800, 61.1910,
97.0230

■ 116.4770, 68.7080,
109.4760

■ 101.4600, 76.5460,
121.6180

■ 100.2860, 77.0960,
122.6640

Harmonies

Analogous

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



217.8210, -9.0810, 15.9030



221.2540, 14.8050, 23.5490



217.4370, 27.2310, 18.6150

Triad

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



221.2540, 14.8050, 23.5490



215.4760, 30.3540, -10.4620



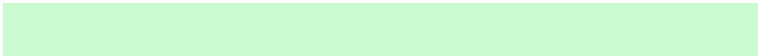
204.9310, -57.4460, -16.1820

Complementary

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



221.2540, 14.8050, 23.5490



230.7460, -14.8050, -23.5490

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.



206.0280, -41.9020, -22.5580



221.2540, 14.8050, 23.5490



212.6580, 8.9900, -19.7620

Square

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



221.2540, 14.8050, 23.5490



216.7750, 40.1180, -0.1860



209.3760, -16.6390, -23.3510



207.4680, -54.2840, -7.4040

Rectangle

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



221.2540, 14.8050, 23.5490



215.3850, 33.0090, 13.0170



209.3760, -16.6390, -23.3510



205.2040, -53.9610, -18.7690

Sweetspot

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



221.2540, 14.8050, 23.5490



245.9670, 4.7670, 7.2230



208.9670, -12.4280, 15.9880



122.6030, 2.7960, 4.3960



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.



221.2540, 14.8050, 23.5490



219.6830, 18.1510, 28.9910



218.5180, 22.5090, 16.0850



117.2550, 3.8960, 6.4880



75.7770, 58.3950, 92.6270



24.5090, 18.7010, 30.0370

Inverse Universe

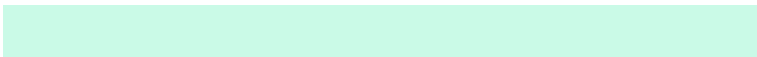
The Inverse Universe completely reimagines the original color for something new.



221.2540, 14.8050, 23.5490



219.6830, 18.1510, 28.9910



233.4820, -22.5090, -16.0850



117.2550, 3.8960, 6.4880



75.7770, 58.3950, 92.6270



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 221.2540, 14.8050, 23.5490 looks on a white background.

Color Contrast Check

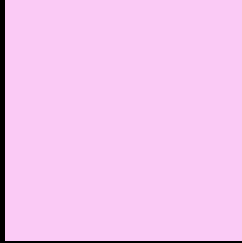
Large Text (above 18pt) WCAG AA × Fail

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 221.2540, 14.8050, 23.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

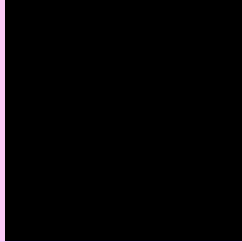
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.2540, 14.8050, 23.5490

Background



This preview shows how black text looks on a background with the YIQ color 221.2540, 14.8050, 23.5490.



This preview shows how white text looks on a background with the YIQ color 221.2540, 14.8050,

23.5490.

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

221.2540, 14.8050, 23.5490

Protanopia

217.9510, -15.4990, 11.0690

Deuteranopia

219.1330, -1.3320, 13.1320



Tritanopia

220.0830, 19.3000, 13.6680

Trichromacy



Original Color

221.2540, 14.8050, 23.5490

Protanomaly

219.1590, -4.2210, 15.9310

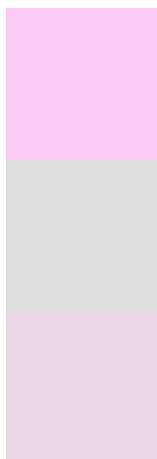
Deuteranomaly

220.1770, 4.5360, 16.9200

Tritanomaly

220.7070, 17.6030, 16.8910

Monochromacy



Original Color

221.2540, 14.8050, 23.5490

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.2060, 5.5920, 8.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.2540, 14.8050, 23.5490 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(250, 202, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 202, 245)  
}
```

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(250, 202, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 202, 245) }
```

Border

The CSS property to change the border of an element to YIQ 221.2540, 14.8050, 23.5490 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(250, 202, 245) }
```


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

```
.border{ border-color:rgb(250, 202, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 202, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 202, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 202, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 202,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 221.2540, 14.8050, 23.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 202, 245) }
```

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

```
.background{ background-color: rgb(250,  
202, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor