

# Converting Colors

YIQ(214.8270, 26.3130, 24.2410)

Have a look what the booklet for  
YIQ(214.8270, 26.3130, 24.2410)  
contains.

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# Color

**YIQ(214.8270, 26.3130,  
24.2410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC0E3
RGB	255, 192, 227
RGB Percent	100%, 75%, 89%
CMY	0.0000, 0.2471, 0.1097
CMYK	0.00, 0.25, 0.11, 0.00
HSL	327°, 100%, 88%
HSV	327°, 25%, 100%
XYZ	73.9517, 64.4948, 81.2384
YIQ	214.8270, 26.3130, 24.2410

# Conversions

## Conversions Part 2

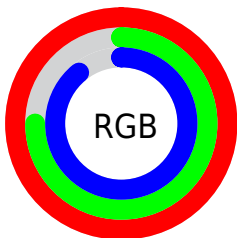
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 192, 227
Decimal	16761059
CIE <sub>Lab</sub>	84.22, 27.88, -8.60
CIE <sub>LCh</sub>	84, 29.177, 342.858
Yxy	64.4948, 0.3366, 0.2936
Android (android.graphics.Color)	4294951139 (0xFFFFC0E3)
YUV	214.8270, 6.0013, 35.2317
Hunter-Lab	80.3087, 23.8303, -3.7603

# Details

The YIQ color  $214.8270, 26.3130, 24.2410$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $232.1730, -26.3130, -24.2410$ , and the grayscale version is  $215.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $251.4780, 1.6500, 3.1380$ , and  $159.8160, 24.8460, 23.2940$  is the 20% darker color. If you saturate the color by 10%, you get  $198.3110, 36.9940, 34.4180$ , and if you desaturate by 10%, it is  $230.7560, 15.9070, 14.5870$ .

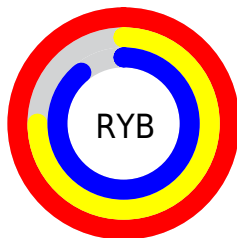
# Distribution



Red (100%)

Green (75%)

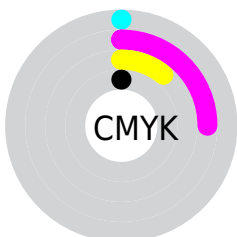
Blue (89%)



Red (100%)

Yellow (75%)

Blue (89%)

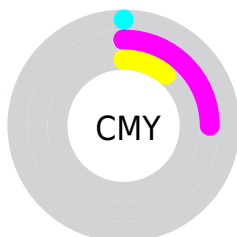


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 214.8270, 26.3130, 24.2410 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 214.8270, 26.3130, 24.2410 by changing the saturation by 10% instead.





 214.8270, 26.3130,  
24.2410


 214.8270, 26.3130,  
24.2410


255.0000, -0.0000,  
-0.0000


 187.1150, 25.4420,  
23.5060


 251.4780, 1.6500,  
3.1380

 159.8160, 24.8460,  
23.2940

 133.1040, 23.9750,  
22.5590

 107.3920, 23.1040,  
21.8240

 82.4950, 21.3160,  
21.1880

 58.7830, 20.4450,  
20.4530

 34.7120, 19.2070,

20.8630

■ 16.3480, 17.2360,  
18.0360

■ 2.3920, 4.7680,  
1.6960

■ 214.8270, 26.3130,  
24.2410

■ 214.8270, 26.3130,  
24.2410

■ 198.3110, 36.9940,  
34.4180

■ 230.7560, 15.9070,  
14.5870

■ 182.2680, 47.7210,  
43.7610

■ 247.3860, 4.9050,  
4.7210

■ 165.7520, 58.4020,  
53.9380

255.0000, -0.0000,  
-0.0000

■ 149.8230, 68.8080,  
63.5920

■ 133.1930, 79.8100,  
73.4580

■ 117.2640, 90.2160,  
83.1120

■ 100.7480,  
100.8970, 93.2890

■ 92.4330, 106.3980,  
98.2220

# Harmonies

## Analogous

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



213.8980, 1.1880, 22.5320



214.8270, 26.3130, 24.2410



210.4610, 35.8510, 16.5790

# Triad

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



214.8270, 26.3130, 24.2410



207.4100, 21.5520, -16.1440



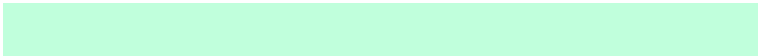
198.5270, -61.9400, -11.8280

# Complementary

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



214.8270, 26.3130, 24.2410



232.1730, -26.3130, -24.2410

# 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.



197.9220, -53.2270, -21.0590



214.8270, 26.3130, 24.2410



204.3190, -3.2970, -22.8570

# Square

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



214.8270, 26.3130, 24.2410



210.4280, 39.4770, -5.0910



200.1340, -30.5770, -24.0570



203.0930, -48.5540, -1.1140



# Rectangle

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



214.8270, 26.3130, 24.2410



210.2840, 40.4830, 9.7230



200.1340, -30.5770, -24.0570



197.8920, -61.7100, -15.9980

# Sweetspot

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



214.8270, 26.3130, 24.2410



243.5220, 7.5180, 6.9260



207.2550, -4.1310, 25.3170



120.9730, 4.6300, 4.1980



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.



214.8270, 26.3130, 24.2410



206.5120, 31.8140, 29.1740



211.2930, 36.2640, 14.6000



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530



# Inverse Universe

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



214.8270, 26.3130, 24.2410



206.5120, 31.8140, 29.1740



235.7070, -36.2640, -14.6000



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530



# Previews

## White Background



This preview shows how the YIQ color 214.8270, 26.3130, 24.2410 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

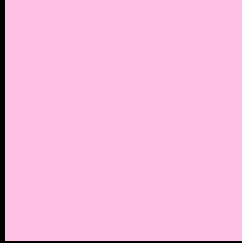
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 214.8270, 26.3130, 24.2410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

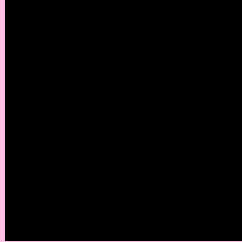
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 214.8270, 26.3130, 24.2410

## Background



This preview shows how black text looks on a background with the YIQ color 214.8270, 26.3130, 24.2410.



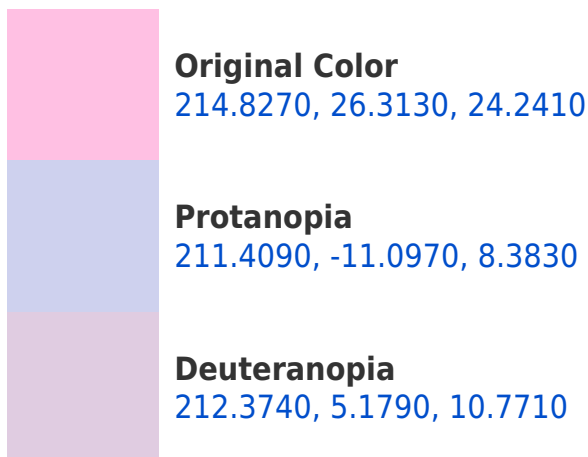
This preview shows how white text looks on a background with the YIQ color 214.8270, 26.3130,



# 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





## Tritanopia

214.0520, 29.7530, 16.9610

# Trichromacy



## Original Color

214.8270, 26.3130, 24.2410



## Protanomaly

212.8130, 2.5650, 14.0930



## Deuteranomaly

213.4290, 12.5140, 15.5060



## Tritanomaly

214.4480, 28.6980, 19.5620

# Monochromacy



## Original Color

214.8270, 26.3130, 24.2410



## Achromatopsia

215.0000, -0.0000, -0.0000



## Achromatomaly

215.2450, 9.8560, 8.6080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 214.8270, 26.3130, 24.2410 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(255, 192, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 227)  
}
```

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(255, 192, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 227) }
```

## Border

The CSS property to change the border of an element to YIQ 214.8270, 26.3130, 24.2410 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(255, 192, 227) }
```



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

```
.border{ border-color:rgb(255, 192, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 227); box-shadow:4px 4px 4px 4px rgb(255, 192, 227) }
```

# Background

The CSS property to change the background color of an element to YIQ 214.8270, 26.3130, 24.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 227) }
```

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

```
.background{ background-color: rgb(255,  
192, 227) }
```

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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