

# Converting Colors

YIQ(215.1440, 26.4980, 15.3780)

Have a look what the booklet for  
YIQ(215.1440, 26.4980, 15.3780)  
contains.

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# Color

**YIQ(215.1440, 26.4980,  
15.3780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAC6D4
RGB	250, 198, 212
RGB Percent	98%, 78%, 83%
CMY	0.0195, 0.2236, 0.1685
CMYK	0.00, 0.21, 0.15, 0.02
HSL	344°, 84%, 88%
HSV	344°, 21%, 98%
XYZ	71.5122, 65.4631, 71.1698
YIQ	215.1440, 26.4980, 15.3780

# Conversions

## Conversions Part 2

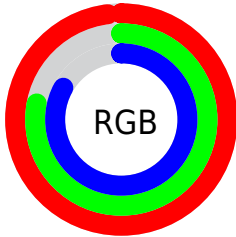
Format	Color
R <sub>Y</sub> B	250, 198, 212
Decimal	16434900
CIE Lab	84.72, 20.62, 0.09
CIE LCh	85, 20.616, 0.245
Yxy	65.4631, 0.3436, 0.3145
Android (android.graphics.Color)	4294624980 (0xFFFA6D4)
YUV	215.1440, -1.5500, 30.5687
Hunter-Lab	80.9093, 16.1773, 4.4835

# Details

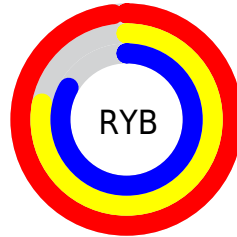
The YIQ color **215.1440, 26.4980, 15.3780** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **232.8560, -26.4980, -15.3780**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.1330, 25.0310, 14.4310** is the 20% darker color. If you saturate the color by 10%, you get **198.4170, 39.1510, 22.8550**, and if you desaturate by 10%, it is **231.8710, 13.8450, 7.9010**.

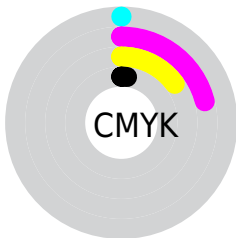
# Distribution



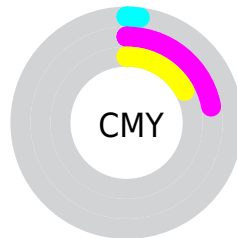
- Red (98%)
- Green (78%)
- Blue (83%)



- Red (98%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 215.1440, 26.4980, 15.3780 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 215.1440, 26.4980, 15.3780 by changing the saturation by 10% instead.



215.1440, 26.4980,  
15.3780

215.1440, 26.4980,  
15.3780

255.0000, -0.0000,  
-0.0000

187.4320, 25.6270,  
14.6430

160.2470, 24.7100,  
14.7420

133.5350, 23.8390,  
14.0070

108.2360, 23.2430,  
13.7950

83.6380, 22.0510,  
13.3710

59.7410, 20.2630,  
12.7350

37.2570, 18.7500,

12.6220

■ 14.7840, 18.7040,  
13.4560

■ 0.0000, 0.0000,  
0.0000

■ 215.1440, 26.4980,  
15.3780

■ 215.1440, 26.4980,  
15.3780

■ 198.4170, 39.1510,  
22.8550

■ 231.8710, 13.8450,  
7.9010

■ 181.6900, 51.8040,  
30.3320

■ 248.7120, 0.8710,  
0.7350

■ 164.8490, 64.7780,  
37.4980

■ 253.5050, -2.9800,  
-1.0600

■ 148.1220, 77.4310,  
44.9750

■ 131.3950, 90.0840,  
52.4520

■ 114.5540,  
103.0580, 59.6180

■ 97.8270, 115.7110,  
67.0950

■ 82.3880, 127.4930,  
73.8370

# Harmonies

## Analogous

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



215.1840, 11.8260, 16.9620



215.1440, 26.4980, 15.3780



214.1630, 33.5140, 9.3700

# Triad

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



215.1440, 26.4980, 15.3780



208.3790, 5.6420, -14.1500



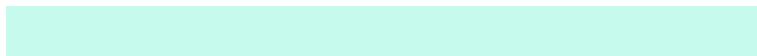
206.7150, -38.7420, -2.7260

# Complementary

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



215.1440, 26.4980, 15.3780



232.8560, -26.4980, -15.3780

# 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.



204.0750, -40.1160, -10.8680



215.1440, 26.4980, 15.3780



206.3320, -13.3390, -17.0750

# Square

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



215.1440, 26.4980, 15.3780



210.8650, 22.0090, -7.9030



204.5890, -30.1200, -15.8160



210.3410, -25.5850, 6.6310



# Rectangle

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



215.1440, 26.4980, 15.3780



213.1750, 33.2400, 3.3200



204.5890, -30.1200, -15.8160



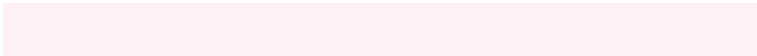
205.6500, -40.1170, -5.3410

# Sweetspot

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



215.1440, 26.4980, 15.3780



244.9410, 7.6560, 4.4240



214.9910, 5.3600, 24.0160



121.9190, 4.7220, 2.5300



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.



215.1440, 26.4980, 15.3780



212.0740, 32.6870, 18.8550



220.0050, 27.9670, 5.2710



116.3430, 6.4640, 4.0000



62.3250, 96.2730, 55.9290



20.1770, 30.8990, 18.2190



# Inverse Universe

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



215.1440, 26.4980, 15.3780



212.0740, 32.6870, 18.8550



227.9950, -27.9670, -5.2710



116.3430, 6.4640, 4.0000



62.3250, 96.2730, 55.9290



20.1770, 30.8990, 18.2190



# Previews

## White Background



This preview shows how the YIQ color 215.1440, 26.4980, 15.3780 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

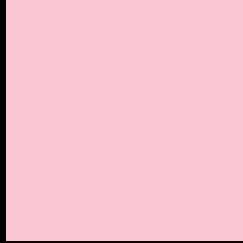
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 215.1440, 26.4980, 15.3780 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

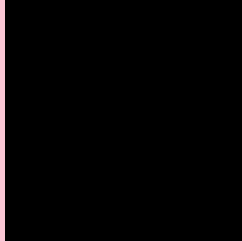
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 215.1440, 26.4980, 15.3780

## Background



This preview shows how black text looks on a background with the YIQ color 215.1440, 26.4980, 15.3780.



This preview shows how white text looks on a background with the YIQ color 215.1440, 26.4980,

15.3780.

# 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

215.1440, 26.4980, 15.3780

### Protanopia

212.5100, -1.3760, 2.9120

### Deuteranopia

213.7570, 14.1660, 7.5900



## Tritanopia

215.2580, 26.1770, 15.6890

# Trichromacy



## Original Color

215.1440, 26.4980, 15.3780

## Protanomaly

213.1200, 8.7100, 7.3500

## Deuteranomaly

214.0890, 19.1630, 10.6430

## Tritanomaly

215.2580, 26.1770, 15.6890

# Monochromacy



## Original Color

215.1440, 26.4980, 15.3780

## Achromatopsia

215.0000, -0.0000, -0.0000

## Achromatomaly

215.2510, 9.7190, 5.5830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 215.1440, 26.4980, 15.3780 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, 198, 212)` looks like.

```
.text, #text, p{  
    color:rgb(250, 198, 212)  
}
```

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, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 198, 212) }
```

## Border

The CSS property to change the border of an element to YIQ 215.1440, 26.4980, 15.3780 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, 198, 212) }
```



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

```
.border{ border-color:rgb(250, 198, 212) }
```

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

Here you see how a box with a 4 pixel rgb(250, 198, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(250, 198,  
212) }
```

# Background

The CSS property to change the background color of an element to YIQ 215.1440, 26.4980, 15.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 198, 212) }
```

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

```
.background{ background-color: rgb(250,  
198, 212) }
```

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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