

# Converting Colors

YIQ(225.0440, 15.0360, 13.8520)

Have a look what the booklet for  
YIQ(225.0440, 15.0360, 13.8520)  
contains.

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# Color

**YIQ(225.0440, 15.0360,  
13.8520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D4E8
RGB	248, 212, 232
RGB Percent	97%, 83%, 91%
CMY	0.0273, 0.1687, 0.0901
CMYK	0.00, 0.15, 0.06, 0.03
HSL	327°, 72%, 90%
HSV	327°, 15%, 97%
XYZ	76.8271, 72.8673, 86.3679
YIQ	225.0440, 15.0360, 13.8520

# Conversions

## Conversions Part 2

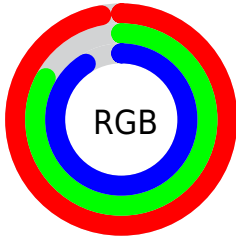
Format	Color
R <sub>Y</sub> B	248, 212, 232
Decimal	16307432
CIE Lab	88.38, 15.83, -5.16
CIE LCh	88, 16.648, 341.929
Yxy	72.8673, 0.3255, 0.3087
Android (android.graphics.Color)	4294497512 (0xFFF8D4E8)
YUV	225.0440, 3.4293, 20.1324
Hunter-Lab	85.3623, 11.2679, -0.2348

# Details

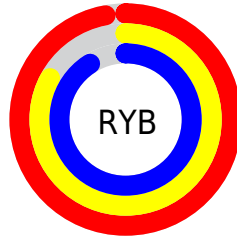
The YIQ color **225.0440, 15.0360, 13.8520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **234.9560, -15.0360, -13.8520**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **169.3320, 14.1650, 13.1170** is the 20% darker color. If you saturate the color by 10%, you get **209.1150, 25.4420, 23.5060**, and if you desaturate by 10%, it is **240.9730, 4.6300, 4.1980**.

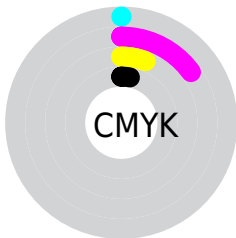
# Distribution



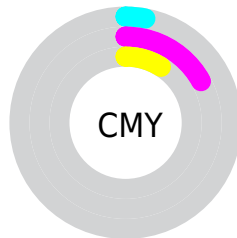
- Red (97%)
- Green (83%)
- Blue (91%)



- Red (97%)
- Yellow (83%)
- Blue (91%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 225.0440, 15.0360, 13.8520 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 225.0440, 15.0360, 13.8520 by changing the saturation by 10% instead.



225.0440, 15.0360,  
13.8520

225.0440, 15.0360,  
13.8520

255.0000, -0.0000,  
-0.0000

196.7450, 14.4400,  
13.6400

169.3320, 14.1650,  
13.1170

143.0330, 13.5690,  
12.9050

117.6200, 13.2940,  
12.3820

92.3210, 12.6980,  
12.1700

68.6090, 11.8270,  
11.4350

46.3100, 11.2310,

11.2230

■ 25.1850, 10.0850,  
9.9650

■ 6.0660, 8.8020,  
5.6820

■ 225.0440, 15.0360,  
13.8520

■ 225.0440, 15.0360,  
13.8520

■ 209.1150, 25.4420,  
23.5060

■ 240.9730, 4.6300,  
4.1980

■ 193.1860, 35.8480,  
33.1600

■ 252.7930, -3.8510,  
-1.7950

■ 177.8440, 45.9790,  
42.2910

■ 252.9070, -4.1720,  
-1.4840

■ 161.9150, 56.3850,  
51.9450

■ 145.9860, 66.7910,  
61.5990

■ 130.0570, 77.1970,  
71.2530

■ 114.1280, 87.6030,  
80.9070

■ 98.7860, 97.7340,  
90.0380

■ 89.8840, 103.5100,  
95.4940

# Harmonies

## Analogous

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



224.3890, 0.8230, 12.6230



225.0440, 15.0360, 13.8520



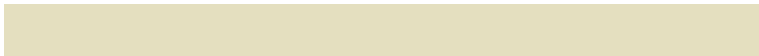
224.7260, 24.6190, 10.8830

# Triad

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



225.0440, 15.0360, 13.8520



220.8470, 13.2520, -8.8920



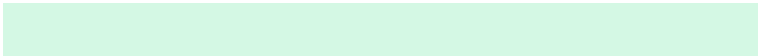
217.0160, -32.4600, -6.4440

# Complementary

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



225.0440, 15.0360, 13.8520



234.9560, -15.0360, -13.8520

# Split Complementary

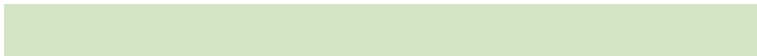
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.0070, -28.2410, -11.3210



225.0440, 15.0360, 13.8520



218.6110, -0.8230, -12.6230

# Square

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



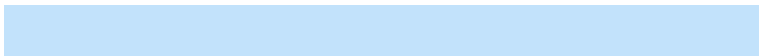
225.0440, 15.0360, 13.8520



222.2230, 24.1170, -2.0510



216.7710, -15.9530, -13.7530



219.2820, -27.0970, 0.9910

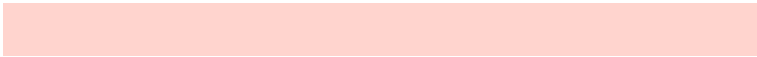


# Rectangle

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



225.0440, 15.0360, 13.8520



224.1730, 27.5540, 7.2500



216.7710, -15.9530, -13.7530



216.2610, -31.7720, -7.9000

# Sweetspot

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



225.0440, 15.0360, 13.8520



248.5600, 4.3550, 3.6750



220.8880, -2.0200, 14.5880



123.5490, 2.8880, 2.7280



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.



225.0440, 15.0360, 13.8520



227.5930, 17.9240, 16.5800



222.9920, 20.8140, 8.2540



116.6850, 5.5010, 4.9330



68.4810, 78.9390, 72.7230



22.1150, 25.4420, 23.5060



# Inverse Universe

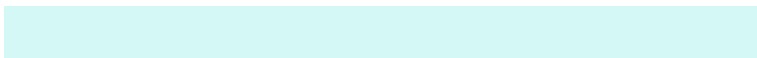
The Inverse Universe completely reimagines the original color for something new.



225.0440, 15.0360, 13.8520



227.5930, 17.9240, 16.5800



237.0080, -20.8140, -8.2540



116.6850, 5.5010, 4.9330



68.4810, 78.9390, 72.7230

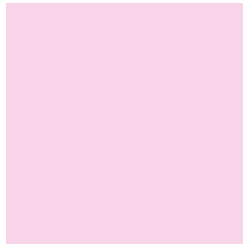


22.1150, 25.4420, 23.5060



# Previews

## White Background



This preview shows how the YIQ color 225.0440, 15.0360, 13.8520 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

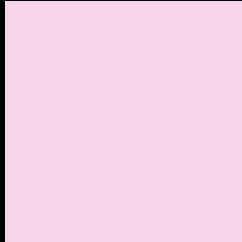
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 225.0440, 15.0360, 13.8520 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

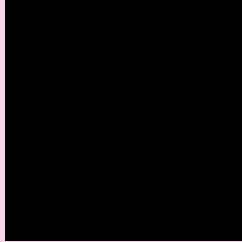
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 225.0440, 15.0360, 13.8520

## Background



This preview shows how black text looks on a background with the YIQ color 225.0440, 15.0360, 13.8520.



This preview shows how white text looks on a background with the YIQ color 225.0440, 15.0360,

13.8520.

# 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

225.0440, 15.0360, 13.8520

### Protanopia

222.8240, -5.1360, 4.9760

### Deuteranopia

224.0000, 9.1680, 10.0640



## Tritanopia

224.7020, 15.9990, 12.9190

# Trichromacy



## Original Color

225.0440, 15.0360, 13.8520

## Protanomaly

223.8250, 2.2910, 8.0430

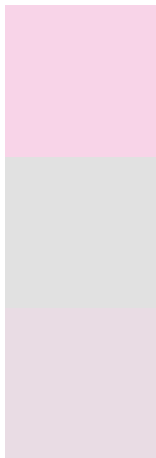
## Deuteranomaly

224.3100, 11.2310, 11.2230

## Tritanomaly

224.8160, 15.6780, 13.2300

# Monochromacy



## Original Color

225.0440, 15.0360, 13.8520

## Achromatopsia

225.0000, -0.0000, -0.0000

## Achromatomaly

224.7990, 5.1800, 5.2440

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 225.0440, 15.0360, 13.8520 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(248, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 232)  
}
```

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(248, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 232) }
```

## Border

The CSS property to change the border of an element to YIQ 225.0440, 15.0360, 13.8520 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(248, 212, 232) }
```



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

```
.border{ border-color:rgb(248, 212, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 212, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(248, 212,  
232) }
```

# Background

The CSS property to change the background color of an element to YIQ 225.0440, 15.0360, 13.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 232) }
```

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

```
.background{ background-color: rgb(248,  
212, 232) }
```

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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