

# Converting Colors

YIQ(248.5600, 4.3550, 3.6750)

Have a look what the booklet for  
YIQ(248.5600, 4.3550, 3.6750)  
contains.

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# Color

**YIQ(248.5600, 4.3550,  
3.6750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF5FA
RGB	255, 245, 250
RGB Percent	100%, 96%, 98%
CMY	0.0000, 0.0392, 0.0196
CMYK	0.00, 0.04, 0.02, 0.00
HSL	330°, 100%, 98%
HSV	330°, 4%, 100%
XYZ	91.1470, 93.4646, 103.6818
YIQ	248.5600, 4.3550, 3.6750

# Conversions

## Conversions Part 2

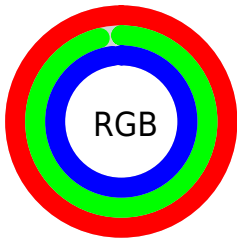
Format	Color
<b>R<sub>YB</sub></b>	255, 245, 250
Decimal	16774650
CIE <sub>Lab</sub>	97.42, 4.20, -1.22
CIE <sub>LCh</sub>	97, 4.377, 343.833
Yxy	93.4646, 0.3162, 0.3242
Android (android.graphics.Color)	4294964730 (0xFFFFF5FA)
YUV	248.5600, 0.7099, 5.6479
Hunter-Lab	96.6771, -0.8955, 4.0881

# Details

The YIQ color 248.5600, 4.3550, 3.6750 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.4400, -4.3550, -3.6750, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.2610, 3.7590, 3.4630 is the 20% darker color. If you saturate the color by 10%, you get 232.4030, 15.4030, 12.7070, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

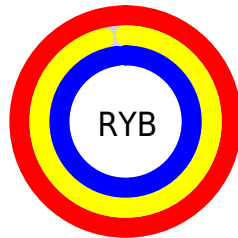
# Distribution



Red (100%)

Green (96%)

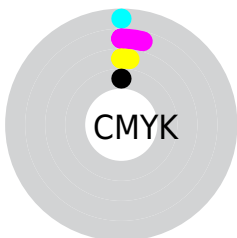
Blue (98%)



Red (100%)

Yellow (96%)

Blue (98%)

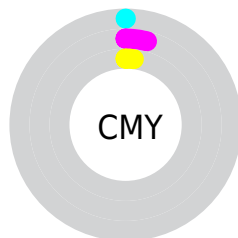


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 248.5600, 4.3550, 3.6750 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 248.5600, 4.3550, 3.6750 by changing the saturation by 10% instead.





 248.5600, 4.3550,  
3.6750


 248.5600, 4.3550,  
3.6750


255.0000, -0.0000,  
-0.0000

 220.1470, 4.0800,  
3.1520

 192.2610, 3.7590,  
3.4630

 165.1470, 4.0800,  
3.1520

 139.1470, 4.0800,  
3.1520

 113.2610, 3.7590,  
3.4630

 88.8480, 3.4840,  
2.9400

 65.8480, 3.4840,

2.9400

■ 43.5490, 2.8880,  
2.7280

■ 23.1360, 2.6130,  
2.2050

■ 248.5600, 4.3550,  
3.6750

■ 248.5600, 4.3550,  
3.6750

■ 232.4030, 15.4030,  
12.7070

255.0000, -0.0000,  
-0.0000

■ 215.7730, 26.4050,  
22.5730

■ 199.6160, 37.4530,  
31.6050

■ 182.8720, 48.7760,  
41.1600

■ 166.7150, 59.8240,  
50.1920

■ 150.0850, 70.8260,  
60.0580

■ 133.9280, 81.8740,  
69.0900

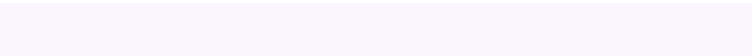
■ 117.1840, 93.1970,  
78.6450

■ 101.0270,  
104.2450, 87.6770

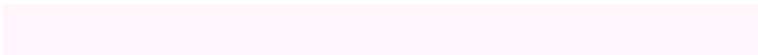
# Harmonies

## Analogous

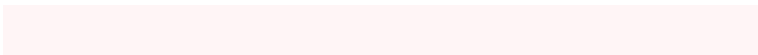
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.4070, 0.4120, 3.5480



248.5600, 4.3550, 3.6750



248.1040, 5.6390, 2.4310

# Triad

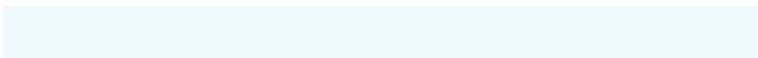
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.5600, 4.3550, 3.6750



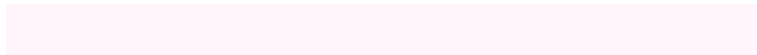
247.2730, 3.4850, -2.5870



246.7540, -8.1150, -1.6110

# Complementary

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



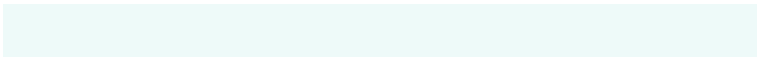
248.5600, 4.3550, 3.6750



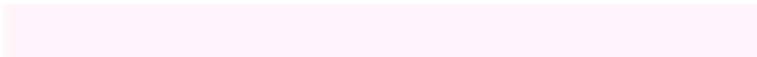
251.4400, -4.3550, -3.6750

# 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.



246.2980, -6.8310, -2.8550



248.5600, 4.3550, 3.6750



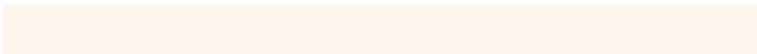
246.5930, -0.4120, -3.5480

# Square

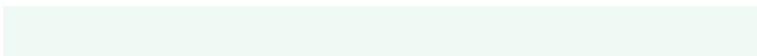
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248.5600, 4.3550, 3.6750



247.5940, 7.0150, -0.4810



246.4400, -4.3550, -3.6750



247.2920, -6.6940, 0.1700

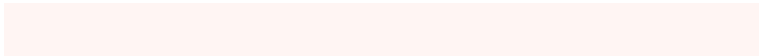


# Rectangle

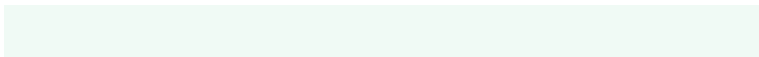
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



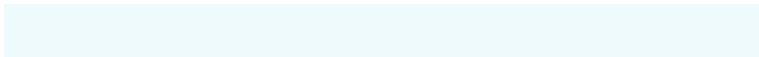
248.5600, 4.3550, 3.6750



247.7620, 6.6020, 1.4980



246.4400, -4.3550, -3.6750



246.6400, -7.7940, -1.9220

# Sweetspot

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



248.5600, 4.3550, 3.6750



253.1250, 1.1460, 1.2580



247.6350, -0.2300, 4.1700



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

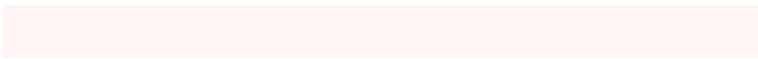
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.5600, 4.3550, 3.6750



246.6850, 5.5010, 4.9330



247.9900, 5.9600, 2.1200



122.8480, 3.4840, 2.9400



68.0530, 83.0200, 70.3480



22.7840, 27.8720, 23.5200



# Inverse Universe

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



248.5600, 4.3550, 3.6750



246.6850, 5.5010, 4.9330



252.0100, -5.9600, -2.1200



122.8480, 3.4840, 2.9400



68.0530, 83.0200, 70.3480

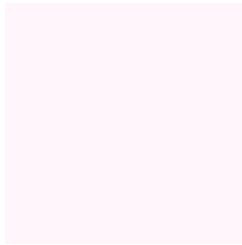


22.7840, 27.8720, 23.5200



# Previews

## White Background



This preview shows how the YIQ color 248.5600, 4.3550, 3.6750 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

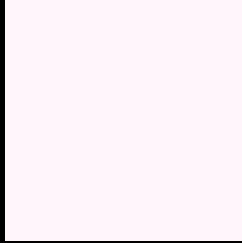
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 248.5600, 4.3550, 3.6750 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

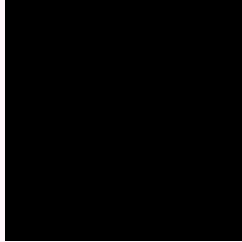
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 248.5600, 4.3550, 3.6750**

## **Background**



This preview shows how black text looks on a background with the YIQ color 248.5600, 4.3550, 3.6750.



This preview shows how white text looks on a background with the YIQ color 248.5600, 4.3550, 3.6750.

3.6750.

# 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**

248.5600, 4.3550, 3.6750

**Protanopia**

248.0650, 1.3750, 2.6150

**Deuteranopia**

248.4460, 4.6760, 3.3640



## Tritanopia

248.2330, 0.9620, 4.5940

# Trichromacy



**Original Color**

248.5600, 4.3550, 3.6750

**Protanomaly**

248.3640, 1.9710, 2.8270

**Deuteranomaly**

248.4460, 4.6760, 3.3640

**Tritanomaly**

248.3040, 2.2000, 4.1840

# Monochromacy



**Original Color**

248.5600, 4.3550, 3.6750

**Achromatopsia**

249.0000, -0.0000, -0.0000

**Achromatomaly**

249.0110, 1.4670, 0.9470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 248.5600, 4.3550, 3.6750 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, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 250)  
}
```

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, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 250) }
```

## Border

The CSS property to change the border of an element to YIQ 248.5600, 4.3550, 3.6750 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, 245, 250) }
```



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

```
.border{ border-color:rgb(255, 245, 250) }
```

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

Here you see how a box with a 4 pixel rgb(255, 245, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
250) }
```

# Background

The CSS property to change the background color of an element to YIQ 248.5600, 4.3550, 3.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 250) }
```

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

```
.background{ background-color: rgb(255,  
245, 250) }
```

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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