

# Converting Colors

YIQ(237.4510, 6.2800, 7.3360)

Have a look what the booklet for  
YIQ(237.4510, 6.2800, 7.3360)  
contains.

<b>YIQ(237.4510, 6.2800, 7.3360)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(237.4510, 6.2800,  
7.3360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F8E7F3
RGB	248, 231, 243
RGB Percent	97%, 91%, 95%
CMY	0.0274, 0.0941, 0.0470
CMYK	0.00, 0.07, 0.02, 0.03
HSL	318°, 55%, 94%
HSV	318°, 7%, 97%
XYZ	83.4679, 83.5778, 96.5301
YIQ	237.4510, 6.2800, 7.3360

# Conversions

## Conversions Part 2

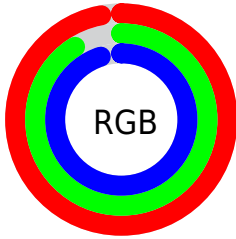
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 231, 243
Decimal	16312307
CIE <sub>Lab</sub>	93.27, 7.83, -3.74
CIE <sub>LCh</sub>	93, 8.680, 334.477
Yxy	83.5778, 0.3167, 0.3171
Android (android.graphics.Color)	4294502387 (0xFF8E7F3)
YUV	237.4510, 2.7357, 9.2515
Hunter-Lab	91.4209, 2.9851, 1.3912

# Details

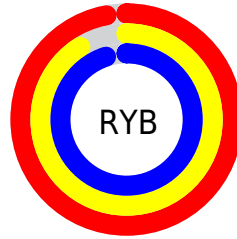
The YIQ color  $237.4510, 6.2800, 7.3360$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $241.5490, -6.2800, -7.3360$ , and the grayscale version is  $237.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $181.4510, 6.2800, 7.3360$  is the 20% darker color. If you saturate the color by 10%, you get  $221.9780, 15.4020, 18.2340$ , and if you desaturate by 10%, it is  $252.3370, -2.5670, -3.0390$ .

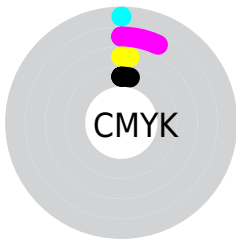
# Distribution



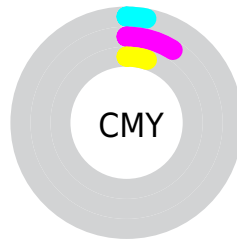
- Red (97%)
- Green (91%)
- Blue (95%)



- Red (97%)
- Yellow (91%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 237.4510, 6.2800, 7.3360 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 237.4510, 6.2800, 7.3360 by changing the saturation by 10% instead.





 237.4510, 6.2800,  
7.3360


 237.4510, 6.2800,  
7.3360


255.0000, -0.0000,  
-0.0000


 209.1520, 5.6840,  
7.1240

 181.4510, 6.2800,  
7.3360

 154.7390, 5.4090,  
6.6010

 128.7390, 5.4090,  
6.6010

 103.7390, 5.4090,  
6.6010

 79.3260, 5.1340,  
6.0780

 56.9130, 4.8590,

5.5550

■ 34.9130, 4.8590,  
5.5550

■ 12.5650, 5.9590,  
7.6470

■ 237.4510, 6.2800,  
7.3360

■ 237.4510, 6.2800,  
7.3360

■ 221.9780, 15.4020,  
18.2340

■ 252.3370, -2.5670,  
-3.0390

■ 206.3910, 24.8450,  
28.8210

■ 252.9070, -4.1720,  
-1.4840

■ 191.5050, 33.6920,  
39.1960

■ 176.0320, 42.8140,  
50.0940

■ 160.5590, 51.9360,  
60.9920

■ 144.9720, 61.3790,  
71.5790

■ 129.4990, 70.5010,  
82.4770

■ 114.6130, 79.3480,  
92.8520

■ 99.0260, 88.7910,  
103.4390

# Harmonies

## Analogous

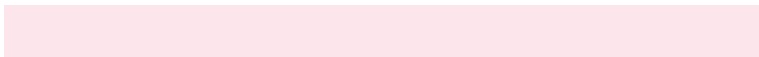
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.6180, -1.5600, 6.2480



237.4510, 6.2800, 7.3360



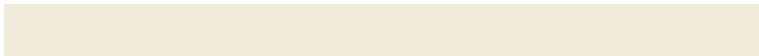
237.4470, 12.1030, 6.4310

# Triad

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



237.4510, 6.2800, 7.3360



235.2690, 9.3080, -3.4920



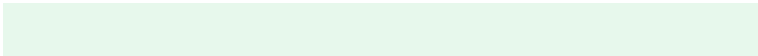
233.3940, -15.9090, -3.5330

# Complementary

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



237.4510, 6.2800, 7.3360



241.5490, -6.2800, -7.3360

# 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.



233.3680, -13.0200, -6.3320



237.4510, 6.2800, 7.3360



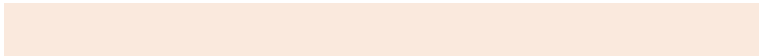
234.3820, 1.5600, -6.2480

# Square

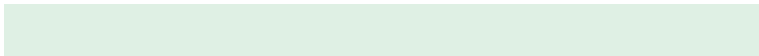
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.4510, 6.2800, 7.3360



236.7150, 13.9840, -0.1280



233.5490, -6.2800, -7.3360



233.9860, -14.5800, -0.0840

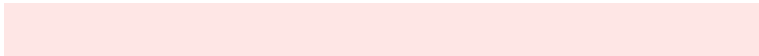


# Rectangle

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



237.4510, 6.2800, 7.3360



237.0620, 14.6250, 4.7770



233.5490, -6.2800, -7.3360



233.3400, -15.8170, -5.2010

# Sweetspot

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



237.4510, 6.2800, 7.3360



251.8370, 2.0170, 1.9930



234.4330, -2.4770, 6.3470



126.1250, 1.1460, 1.2580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

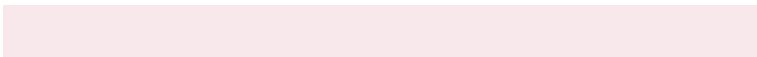
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.4510, 6.2800, 7.3360



242.5760, 7.4260, 8.5940



236.5390, 8.8480, 4.8480



116.9130, 4.8590, 5.5550



71.6730, 69.9510, 81.4310



23.1410, 22.5530, 26.3050



# Inverse Universe

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



237.4510, 6.2800, 7.3360



242.5760, 7.4260, 8.5940



242.4610, -8.8480, -4.8480



116.9130, 4.8590, 5.5550



71.6730, 69.9510, 81.4310

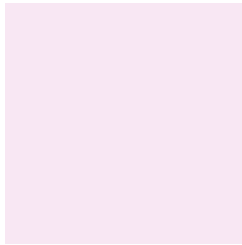


23.1410, 22.5530, 26.3050



# Previews

## White Background



This preview shows how the YIQ color 237.4510, 6.2800, 7.3360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

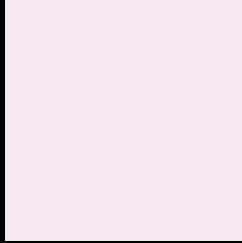
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 237.4510, 6.2800, 7.3360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

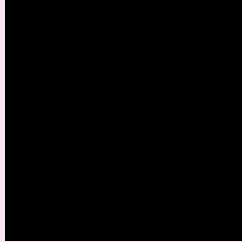
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

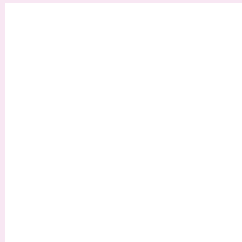
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 237.4510, 6.2800, 7.3360

## Background



This preview shows how black text looks on a background with the YIQ color 237.4510, 6.2800, 7.3360.



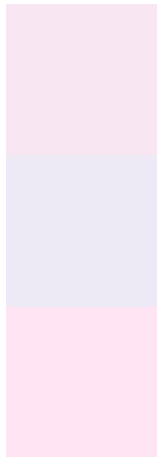
This preview shows how white text looks on a background with the YIQ color 237.4510, 6.2800,

7.3360.

# 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

237.4510, 6.2800, 7.3360

### Protanopia

236.1510, -1.7430, 4.0570

### Deuteranopia

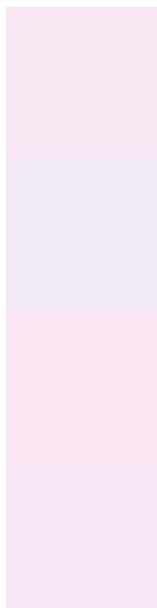
238.3700, 11.0020, 9.8660



## **Tritanopia**

237.7330, 5.5460, 9.6260

# Trichromacy



## Original Color

237.4510, 6.2800, 7.3360

## Protanomaly

236.6460, 1.2370, 5.1170

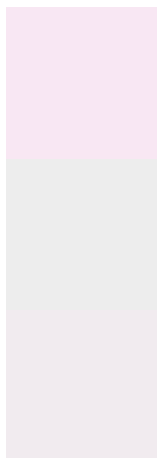
## Deuteranomaly

238.0600, 8.9390, 8.7070

## Tritanomaly

237.5050, 6.1880, 9.0040

# Monochromacy



## Original Color

237.4510, 6.2800, 7.3360

## Achromatopsia

237.0000, -0.0000, -0.0000

## Achromatomaly

237.2500, 2.2920, 2.5160

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 237.4510, 6.2800, 7.3360 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, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(248, 231, 243)  
}
```

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, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 231, 243) }
```

## Border

The CSS property to change the border of an element to YIQ 237.4510, 6.2800, 7.3360 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, 231, 243) }
```



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

```
.border{ border-color:rgb(248, 231, 243) }
```

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

Here you see how a box with a 4 pixel rgb(248, 231, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 231,  
243) }
```

# Background

The CSS property to change the background color of an element to YIQ 237.4510, 6.2800, 7.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 231, 243) }
```

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

```
.background{ background-color: rgb(248,  
231, 243) }
```

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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