

# Converting Colors

YIQ(240.0550, 7.3350, 4.7350)

Have a look what the booklet for  
YIQ(240.0550, 7.3350, 4.7350)  
contains.

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# Color

**YIQ(240.0550, 7.3350,  
4.7350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAEBF0
RGB	250, 235, 240
RGB Percent	98%, 92%, 94%
CMY	0.0196, 0.0784, 0.0588
CMYK	0.00, 0.06, 0.04, 0.02
HSL	340°, 60%, 95%
HSV	340°, 6%, 98%
XYZ	84.8635, 86.0305, 94.5759
YIQ	240.0550, 7.3350, 4.7350

# Conversions

## Conversions Part 2

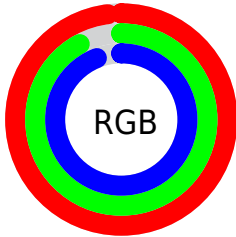
Format	Color
R <sub>Y</sub> B	250, 235, 240
Decimal	16444400
CIE Lab	94.33, 5.92, -0.61
CIE LCh	94, 5.955, 354.126
Yxy	86.0305, 0.3197, 0.3241
Android (android.graphics.Color)	4294634480 (0xFFFAEBF0)
YUV	240.0550, -0.0271, 8.7218
Hunter-Lab	92.7526, 1.0005, 4.4714

# Details

The YIQ color  $240.0550, 7.3350, 4.7350$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $244.9450, -7.3350, -4.7350$ , and the grayscale version is  $240.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $184.0550, 7.3350, 4.7350$  is the 20% darker color. If you saturate the color by 10%, you get  $223.4420, 19.6670, 12.5230$ , and if you desaturate by 10%, it is  $253.5050, -2.9800, -1.0600$ .

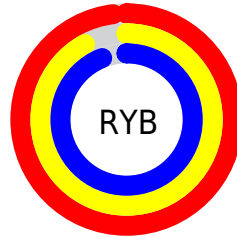
# Distribution



Red (98%)

Green (92%)

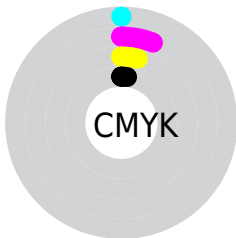
Blue (94%)



Red (98%)

Yellow (92%)

Blue (94%)

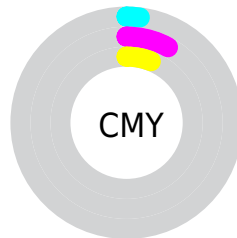


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (8%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 240.0550, 7.3350, 4.7350 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 240.0550, 7.3350, 4.7350 by changing the saturation by 10% instead.




 240.0550, 7.3350,  
4.7350

 240.0550, 7.3350,  
4.7350

255.0000, -0.0000,  
-0.0000


 211.7560, 6.7390,  
4.5230

 184.0550, 7.3350,  
4.7350

 157.3430, 6.4640,  
4.0000

 131.3430, 6.4640,  
4.0000

 106.0440, 5.8680,  
3.7880

 82.0440, 5.8680,  
3.7880

 58.7450, 5.2720,

3.5760

■ 36.7450, 5.2720,  
3.5760

■ 15.4570, 6.1430,  
4.3110

■ 240.0550, 7.3350,  
4.7350

■ 240.0550, 7.3350,  
4.7350

■ 223.4420, 19.6670,  
12.5230

■ 253.5050, -2.9800,  
-1.0600

■ 206.9430, 31.6780,  
20.6220

■ 190.3300, 44.0100,  
28.4100

■ 173.7170, 56.3420,  
36.1980

■ 157.2180, 68.3530,  
44.2970

■ 140.6050, 80.6850,  
52.0850

■ 123.9920, 93.0170,  
59.8730

■ 107.4930,  
105.0280, 67.9720

■ 90.8800, 117.3600,  
75.7600

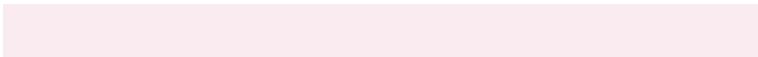
# Harmonies

## Analogous

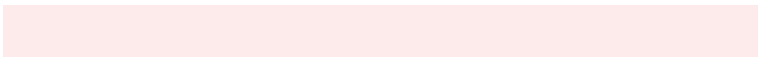
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.7170, 2.4750, 4.7070



240.0550, 7.3350, 4.7350



239.9690, 10.4530, 3.2930

# Triad

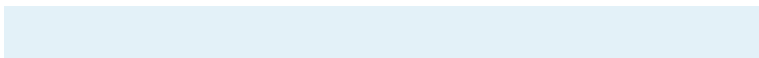
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.0550, 7.3350, 4.7350



238.0340, 2.6600, -4.1560



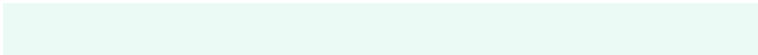
237.6120, -10.5910, -0.7910

# Complementary

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



240.0550, 7.3350, 4.7350



244.9450, -7.3350, -4.7350

# Split Complementary

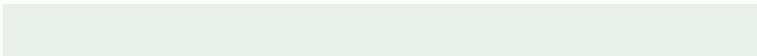
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.0310, -10.4530, -3.2930



240.0550, 7.3350, 4.7350



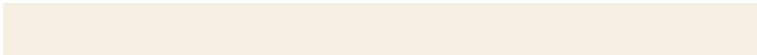
237.2830, -2.4750, -4.7070

# Square

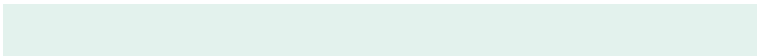
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.0550, 7.3350, 4.7350



238.8390, 7.7030, -1.9370



236.9450, -7.3350, -4.7350



238.1610, -7.7030, 1.9370

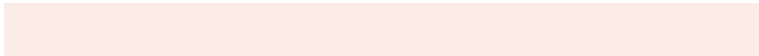


# Rectangle

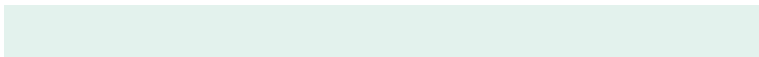
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.0550, 7.3350, 4.7350



239.9150, 10.5450, 1.6250



236.9450, -7.3350, -4.7350



237.6720, -10.8200, -2.1480

# Sweetspot

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



240.0550, 7.3350, 4.7350



251.7230, 2.3380, 1.6820



239.7000, 1.1450, 6.7850



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000

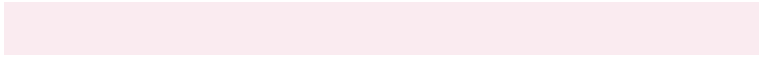


128.0000, -0.0000, -0.0000



# Same Dimension

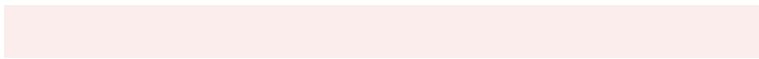
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0550, 7.3350, 4.7350



243.0660, 8.8020, 5.6820



240.6590, 8.3900, 2.1340



118.3320, 4.9970, 3.0530



63.6930, 92.4210, 59.6610



20.5190, 29.9360, 19.1520



# Inverse Universe

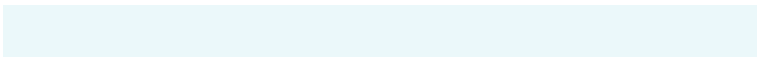
The Inverse Universe completely reimagines the original color for something new.



240.0550, 7.3350, 4.7350



243.0660, 8.8020, 5.6820



244.3410, -8.3900, -2.1340



118.3320, 4.9970, 3.0530



63.6930, 92.4210, 59.6610

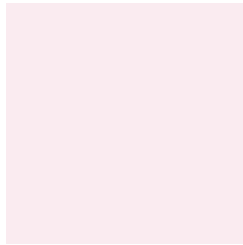


20.5190, 29.9360, 19.1520



# Previews

## White Background



This preview shows how the YIQ color 240.0550, 7.3350, 4.7350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

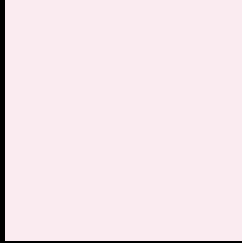
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 240.0550, 7.3350, 4.7350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

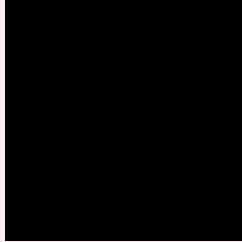
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

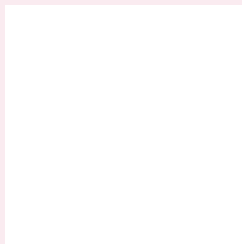
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 240.0550, 7.3350, 4.7350

## Background



This preview shows how black text looks on a background with the YIQ color 240.0550, 7.3350, 4.7350.



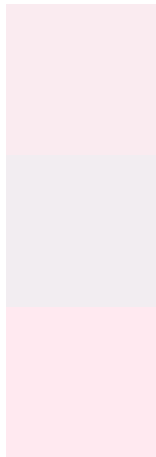
This preview shows how white text looks on a background with the YIQ color 240.0550, 7.3350,

4.7350.

# 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

240.0550, 7.3350, 4.7350

### Protanopia

238.9510, 1.6960, 2.3040

### Deuteranopia

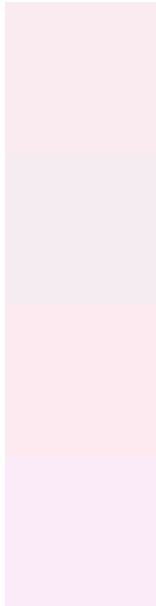
240.3760, 10.8650, 6.8410



## Tritanopia

240.8470, 5.2250, 9.9370

# Trichromacy



## Original Color

240.0550, 7.3350, 4.7350

## Protanomaly

239.2610, 3.7590, 3.4630

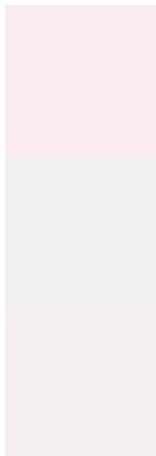
## Deuteranomaly

240.3650, 9.3980, 5.8940

## Tritanomaly

240.6790, 5.6380, 7.9580

# Monochromacy



## Original Color

240.0550, 7.3350, 4.7350

## Achromatopsia

240.0000, -0.0000, -0.0000

## Achromatomaly

240.0220, 2.9340, 1.8940

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 240.0550, 7.3350, 4.7350 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, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 240)  
}
```

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, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 240) }
```

## Border

The CSS property to change the border of an element to YIQ 240.0550, 7.3350, 4.7350 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, 235, 240) }
```



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

```
.border{ border-color:rgb(250, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
240) }
```

# Background

The CSS property to change the background color of an element to YIQ 240.0550, 7.3350, 4.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 240) }
```

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

```
.background{ background-color: rgb(250,  
235, 240) }
```

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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