

# Converting Colors

YIQ(230.0450, 13.2950, 6.8550)

Have a look what the booklet for  
YIQ(230.0450, 13.2950, 6.8550)  
contains.

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# Color

**YIQ(230.0450, 13.2950,  
6.8550)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DEE3
RGB	247, 222, 227
RGB Percent	97%, 87%, 89%
CMY	0.0313, 0.1294, 0.1097
CMYK	0.00, 0.10, 0.08, 0.03
HSL	348°, 61%, 92%
HSV	348°, 10%, 97%
XYZ	78.3487, 77.5608, 83.5234
YIQ	230.0450, 13.2950, 6.8550

# Conversions

## Conversions Part 2

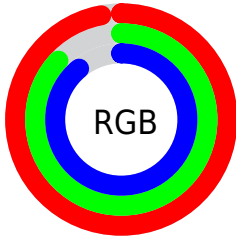
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 222, 227
Decimal	16244451
CIE Lab	90.58, 9.42, 0.67
CIE LCh	91, 9.446, 4.097
Yxy	77.5608, 0.3272, 0.3239
Android (android.graphics.Color)	4294434531 (0xFFFF7DEE3)
YUV	230.0450, -1.5012, 14.8695
Hunter-Lab	88.0686, 4.6795, 5.4180

# Details

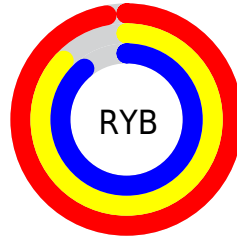
The YIQ color  $230.0450, 13.2950, 6.8550$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $238.9550, -13.2950, -6.8550$ , and the grayscale version is  $230.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $174.7460, 12.6990, 6.6430$  is the 20% darker color. If you saturate the color by 10%, you get  $213.0900, 26.5900, 13.7100$ , and if you desaturate by 10%, it is  $247.0000, -0.0000, -0.0000$ .

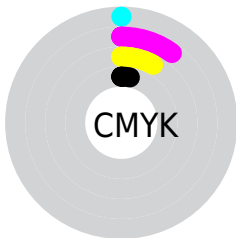
# Distribution



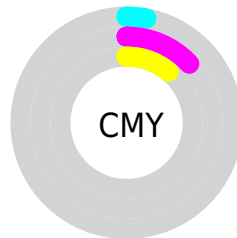
- Red (97%)
- Green (87%)
- Blue (89%)



- Red (97%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (3%)




- Cyan (3%)
- Magenta (13%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 230.0450, 13.2950, 6.8550 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 230.0450, 13.2950, 6.8550 by changing the saturation by 10% instead.




 230.0450, 13.2950,  
6.8550


 230.0450, 13.2950,  
6.8550


255.0000, -0.0000,  
-0.0000


 201.7460, 12.6990,  
6.6430

 174.7460, 12.6990,  
6.6430

 147.4470, 12.1030,  
6.4310

 122.1480, 11.5070,  
6.2190

 96.8490, 10.9110,  
6.0070

 73.4360, 10.6360,  
5.4840

 50.8380, 9.4440,

5.0600

■ 29.5390, 8.8480,  
4.8480

■ 6.9910, 13.3870,  
5.1870

■ 230.0450, 13.2950,  
6.8550

■ 230.0450, 13.2950,  
6.8550

■ 213.0900, 26.5900,  
13.7100

■ 247.0000, -0.0000,  
-0.0000

■ 196.8360, 39.2890,  
20.3530

■ 252.6080, -4.7680,  
-1.6960

■ 179.8810, 52.5840,  
27.2080

■ 162.9260, 65.8790,  
34.0630

■ 145.9710, 79.1740,  
40.9180

■ 129.7170, 91.8730,  
47.5610

■ 112.7620,  
105.1680, 54.4160

■ 95.8070, 118.4630,  
61.2710

■ 79.5530, 131.1620,  
67.9140

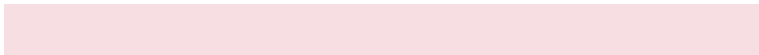
# Harmonies

## Analogous

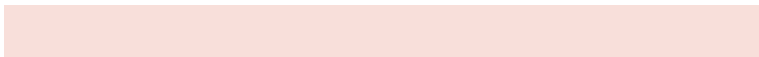
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.8640, 6.5550, 7.8590



230.0450, 13.2950, 6.8550



229.9050, 16.5050, 3.7450

# Triad

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



230.0450, 13.2950, 6.8550



226.8550, 1.6060, -7.0820



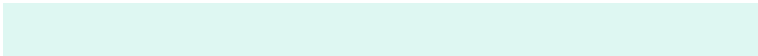
226.5020, -16.0930, -0.1970

# Complementary

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



230.0450, 13.2950, 6.8550



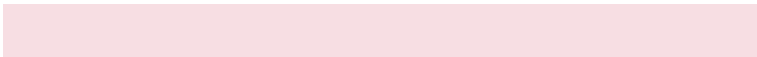
238.9550, -13.2950, -6.8550

# Split Complementary

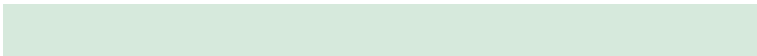
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.4970, -17.6970, -4.1690



230.0450, 13.2950, 6.8550



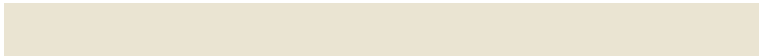
225.8370, -7.1510, -8.0710

# Square

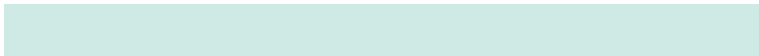
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.0450, 13.2950, 6.8550



227.7420, 9.3540, -4.3260



225.3570, -14.4870, -7.2790



227.6600, -10.5460, 3.9020



# Rectangle

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



230.0450, 13.2950, 6.8550



229.1390, 15.7260, 1.3420



225.3570, -14.4870, -7.2790



226.2630, -16.9180, -1.7660

# Sweetspot

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



230.0450, 13.2950, 6.8550



249.6200, 4.1260, 2.3180



230.8300, 3.8950, 12.0150



123.9080, 3.2550, 1.5830



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

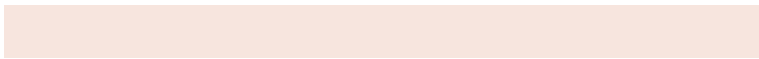
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.0450, 13.2950, 6.8550



234.0670, 16.2290, 8.7490



233.5840, 12.9750, 1.6390



113.9300, 6.1890, 3.4770



59.8320, 98.9790, 50.9390



19.0090, 31.3120, 16.2400



# Inverse Universe

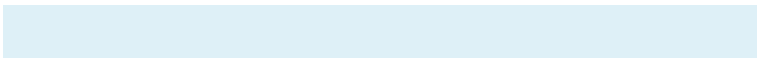
The Inverse Universe completely reimagines the original color for something new.



230.0450, 13.2950, 6.8550



234.0670, 16.2290, 8.7490



235.4160, -12.9750, -1.6390



113.9300, 6.1890, 3.4770



59.8320, 98.9790, 50.9390

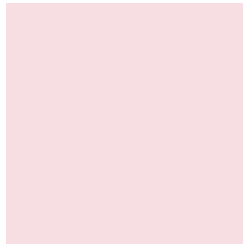


19.0090, 31.3120, 16.2400



# Previews

## White Background



This preview shows how the YIQ color 230.0450, 13.2950, 6.8550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

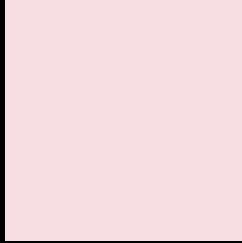
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 230.0450, 13.2950, 6.8550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

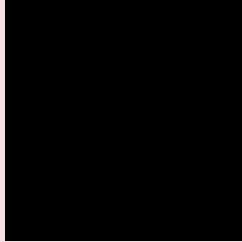
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 230.0450, 13.2950, 6.8550

## Background



This preview shows how black text looks on a background with the YIQ color 230.0450, 13.2950, 6.8550.



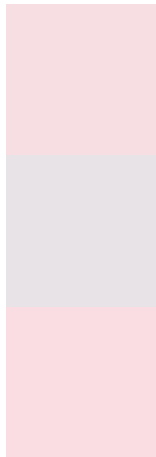
This preview shows how white text looks on a background with the YIQ color 230.0450, 13.2950,

6.8550.

# 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

230.0450, 13.2950, 6.8550

### Protanopia

228.5380, 1.4210, 1.7810

### Deuteranopia

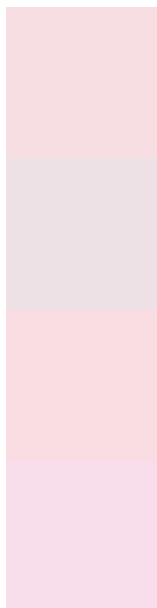
230.3550, 15.3580, 8.0140



## Tritanopia

230.4240, 10.9100, 11.5340

# Trichromacy



## Original Color

230.0450, 13.2950, 6.8550

## Protanomaly

229.0440, 5.8680, 3.7880

## Deuteranomaly

230.0560, 14.7620, 7.8020

## Tritanomaly

230.5550, 11.9190, 9.7670

# Monochromacy



## Original Color

230.0450, 13.2950, 6.8550

## Achromatopsia

230.0000, -0.0000, 0.0000

## Achromatomaly

229.9190, 4.7220, 2.5300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 230.0450, 13.2950, 6.8550 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(247, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 227)  
}
```

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(247, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 227) }
```

## Border

The CSS property to change the border of an element to YIQ 230.0450, 13.2950, 6.8550 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(247, 222, 227) }
```



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

```
.border{ border-color:rgb(247, 222, 227) }
```

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

Here you see how a box with a 4 pixel rgb(247, 222, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
227) }
```

# Background

The CSS property to change the background color of an element to YIQ 230.0450, 13.2950, 6.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 227) }
```

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

```
.background{ background-color: rgb(247,  
222, 227) }
```

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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