

# Converting Colors

YIQ(229.2280, 8.5260, 10.6860)

Have a look what the booklet for  
YIQ(229.2280, 8.5260, 10.6860)  
contains.

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# Color

**YIQ(229.2280, 8.5260,  
10.6860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4DCEE
RGB	244, 220, 238
RGB Percent	96%, 86%, 93%
CMY	0.0431, 0.1373, 0.0666
CMYK	0.00, 0.10, 0.02, 0.04
HSL	315°, 52%, 91%
HSV	315°, 10%, 96%
XYZ	78.3382, 76.5907, 91.5474
YIQ	229.2280, 8.5260, 10.6860

# Conversions

## Conversions Part 2

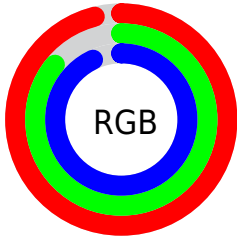
Format	Color
<a href="#">RYB</a>	<a href="#">244, 220, 238</a>
Decimal	<a href="#">16047342</a>
CIELab	<a href="#">90.13, 11.32, -5.78</a>
CIElCh	<a href="#">90, 12.714, 332.964</a>
Yxy	<a href="#">76.5907, 0.3178, 0.3107</a>
Android (android.graphics.Color)	<a href="#">4294237422</a> ( <a href="#">0xFFFF4DCEE</a> )
YUV	<a href="#">229.2280, 4.3246, 12.9550</a>
Hunter-Lab	<a href="#">87.5161, 6.6273, -0.7599</a>

# Details

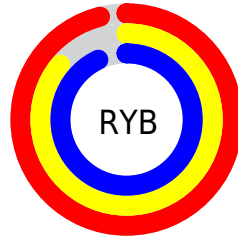
The YIQ color  $229.2280, 8.5260, 10.6860$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $234.7720, -8.5260, -10.6860$ , and the grayscale version is  $229.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $173.8150, 8.2510, 10.1630$  is the 20% darker color. If you saturate the color by 10%, you get  $214.4560, 17.0520, 21.3720$ , and if you desaturate by 10%, it is  $244.0000, 0.0000, -0.0000$ .

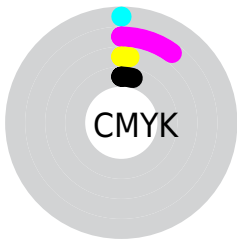
# Distribution



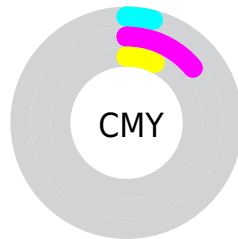
- Red (96%)
- Green (86%)
- Blue (93%)



- Red (96%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 229.2280, 8.5260, 10.6860 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 229.2280, 8.5260, 10.6860 by changing the saturation by 10% instead.



229.2280, 8.5260,  
10.6860

229.2280, 8.5260,  
10.6860

255.0000, -0.0000,  
-0.0000

201.2280, 8.5260,  
10.6860

173.8150, 8.2510,  
10.1630

147.4020, 7.9760,  
9.6400

121.1030, 7.3800,  
9.4280

96.6900, 7.1050,  
8.9050

72.6900, 7.1050,  
8.9050

49.9780, 6.2340,

8.1700

■ 28.6790, 5.6380,  
7.9580

■ 7.5760, 7.4260,  
8.5940

■ 229.2280, 8.5260,  
10.6860

■ 229.2280, 8.5260,  
10.6860

■ 214.4560, 17.0520,  
21.3720

■ 244.0000, 0.0000,  
-0.0000

■ 199.0970, 25.8530,  
32.5810

■ 251.1410, -4.9510,  
-3.8870

■ 184.3250, 34.3790,  
43.2670

■ 251.7110, -6.5560,  
-2.3320

■ 168.9660, 43.1800,  
54.4760

■ 154.0800, 52.0270,  
64.8510

■ 139.3080, 60.5530,  
75.5370

■ 123.9490, 69.3540,  
86.7460

■ 109.1770, 77.8800,  
97.4320

■ 93.8180, 86.6810,  
108.6410

# Harmonies

## Analogous

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



228.1280, -2.9360, 9.1600



229.2280, 8.5260, 10.6860



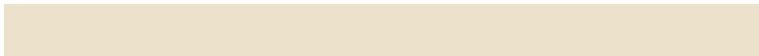
229.6650, 17.4210, 9.1730

# Triad

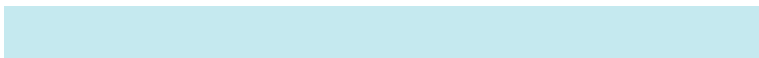
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.2280, 8.5260, 10.6860



226.3680, 13.3430, -5.0330



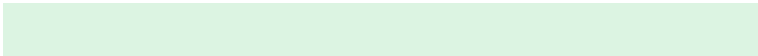
222.9200, -23.3820, -5.7660

# Complementary

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



229.2280, 8.5260, 10.6860



234.7720, -8.5260, -10.6860

# 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.



222.8510, -18.9340, -9.2860



229.2280, 8.5260, 10.6860



224.8720, 2.9360, -9.1600

# Square

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



229.2280, 8.5260, 10.6860



227.5370, 20.3570, 0.0130



223.4730, -9.1220, -10.8980



224.5660, -22.1450, -0.6490

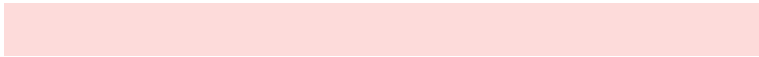


# Rectangle

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



229.2280, 8.5260, 10.6860



229.0520, 20.5850, 6.8970



223.4730, -9.1220, -10.8980



222.8660, -23.2900, -7.4340

# Sweetspot

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



229.2280, 8.5260, 10.6860



250.0760, 2.8420, 3.5620



224.5300, -4.1280, 8.7360



124.2500, 2.2920, 2.5160



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

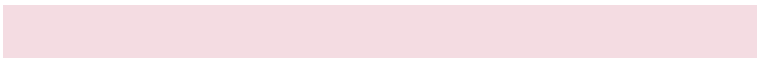
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.2280, 8.5260, 10.6860



235.8910, 11.0930, 13.7250



227.8600, 12.3780, 6.9540



114.6140, 4.2630, 5.3430



71.5740, 65.9160, 82.9720



22.6570, 21.0400, 26.1920



# Inverse Universe

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



229.2280, 8.5260, 10.6860



235.8910, 11.0930, 13.7250



236.1400, -12.3780, -6.9540



114.6140, 4.2630, 5.3430



71.5740, 65.9160, 82.9720

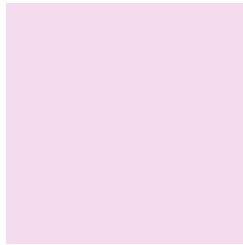


22.6570, 21.0400, 26.1920



# Previews

## White Background



This preview shows how the YIQ color 229.2280, 8.5260, 10.6860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

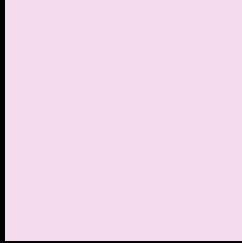
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 229.2280, 8.5260, 10.6860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

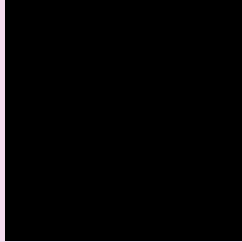
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 229.2280, 8.5260, 10.6860

## Background



This preview shows how black text looks on a background with the YIQ color 229.2280, 8.5260, 10.6860.



This preview shows how white text looks on a background with the YIQ color 229.2280, 8.5260,

10.6860.

# 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

229.2280, 8.5260, 10.6860

### Protanopia

227.4220, -3.9440, 5.4000

### Deuteranopia

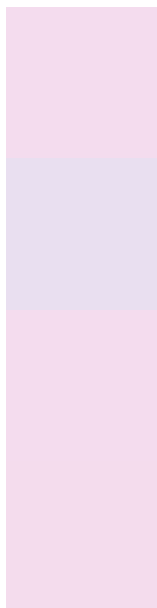
229.2280, 8.5260, 10.6860



## Tritanopia

229.1140, 8.8470, 10.3750

# Trichromacy



## Original Color

229.2280, 8.5260, 10.6860

## Protanomaly

227.9280, 0.5030, 7.4070

## Deuteranomaly

229.2280, 8.5260, 10.6860

## Tritanomaly

229.1140, 8.8470, 10.3750

# Monochromacy



## Original Color

229.2280, 8.5260, 10.6860

## Achromatopsia

229.0000, -0.0000, -0.0000

## Achromatomaly

229.0760, 2.8420, 3.5620

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 229.2280, 8.5260, 10.6860 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(244, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 238)  
}
```

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(244, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 238) }
```

## Border

The CSS property to change the border of an element to YIQ 229.2280, 8.5260, 10.6860 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(244, 220, 238) }
```



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

```
.border{ border-color:rgb(244, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 220,  
238) }
```

# Background

The CSS property to change the background color of an element to YIQ 229.2280, 8.5260, 10.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 238) }
```

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

```
.background{ background-color: rgb(244,  
220, 238) }
```

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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