

Converting Colors

YIQ(229.0120, 8.8940, 4.0140)

Have a look what the booklet for
YIQ(229.0120, 8.8940, 4.0140)
contains.

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Color

**YIQ(229.0120, 8.8940,
4.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0E2
RGB	240, 224, 226
RGB Percent	94%, 88%, 89%
CMY	0.0588, 0.1216, 0.1137
CMYK	0.00, 0.07, 0.06, 0.06
HSL	352°, 35%, 91%
HSV	352°, 7%, 94%
XYZ	76.3211, 77.3262, 82.8606
YIQ	229.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

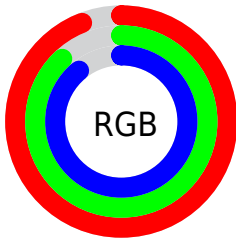
Format	Color
R _Y B	240, 224, 226
Decimal	15786210
CIE Lab	90.47, 5.81, 0.98
CIE LCh	90, 5.887, 9.533
Yxy	77.3262, 0.3227, 0.3269
Android (android.graphics.Color)	4293976290 (0xFFFF0E0E2)
YUV	229.0120, -1.4849, 9.6365
Hunter-Lab	87.9353, 1.0375, 5.6863

Details

The YIQ color **229.0120, 8.8940, 4.0140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **234.9880, -8.8940, -4.0140**, 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 **173.7130, 8.2980, 3.8020** is the 20% darker color. If you saturate the color by 10%, you get **212.5300, 22.2350, 10.0350**, and if you desaturate by 10%, it is **245.4940, -4.4470, -2.0070**.

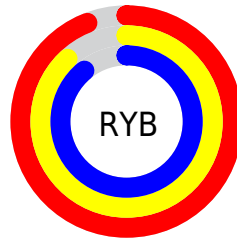
Distribution



Red (94%)

Green (88%)

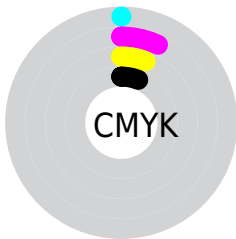
Blue (89%)



Red (94%)

Yellow (88%)

Blue (89%)

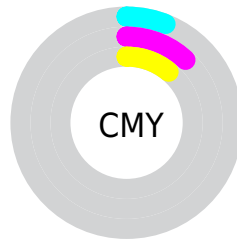


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.0120, 8.8940, 4.0140 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 229.0120, 8.8940, 4.0140 by changing the saturation by 10% instead.

229.0120, 8.8940,
4.0140

229.0120, 8.8940,
4.0140

255.0000, -0.0000,
-0.0000

201.0120, 8.8940,
4.0140

173.7130, 8.2980,
3.8020

146.7130, 8.2980,
3.8020

121.4140, 7.7020,
3.5900

96.4140, 7.7020,
3.5900

72.7020, 6.8310,
2.8550

49.8160, 6.5100,

3.1660

■ 29.4030, 6.2350,
2.6430

■ 5.0830, 10.1320,
3.6040

■ 229.0120, 8.8940,
4.0140

■ 229.0120, 8.8940,
4.0140

■ 212.5300, 22.2350,
10.0350

■ 245.4940, -4.4470,
-2.0070

■ 196.0480, 35.5760,
16.0560

■ 250.5150, -8.9400,
-3.1800

■ 179.5660, 48.9170,
22.0770

■ 163.0840, 62.2580,
28.0980

■ 146.6020, 75.5990,
34.1190

■ 130.1200, 88.9400,
40.1400

■ 113.6380,
102.2810, 46.1610

■ 97.1560, 115.6220,
52.1820

■ 80.6740, 128.9630,
58.2030

Harmonies

Analogous

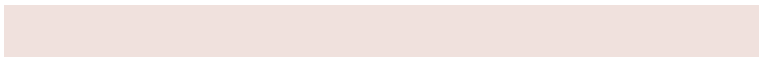
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7990, 5.1800, 5.2440



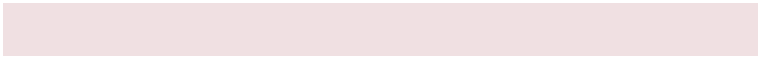
229.0120, 8.8940, 4.0140



229.0290, 10.2240, 1.9360

Triad

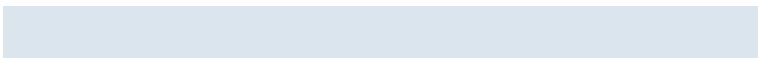
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.0120, 8.8940, 4.0140



226.9520, -0.0450, -4.6930



226.7370, -9.4450, 0.4670

Complementary

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



229.0120, 8.8940, 4.0140



234.9880, -8.8940, -4.0140

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.



226.6720, -10.8200, -2.1480



229.0120, 8.8940, 4.0140



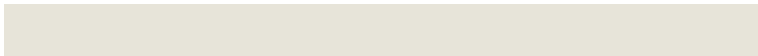
226.3150, -5.5010, -4.9330

Square

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



229.0120, 8.8940, 4.0140



227.6430, 5.3190, -2.7850



225.9880, -8.8940, -4.0140



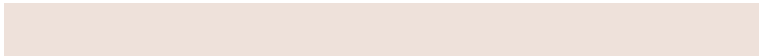
228.0580, -5.9150, 2.5730

Rectangle

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



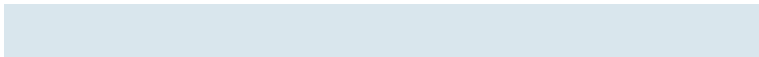
229.0120, 8.8940, 4.0140



228.0890, 9.9950, 0.5790



225.9880, -8.8940, -4.0140



226.9110, -9.9950, -0.5790

Sweetspot

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



229.0120, 8.8940, 4.0140



251.6090, 2.6590, 1.3710



230.0100, 3.2080, 7.9440



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

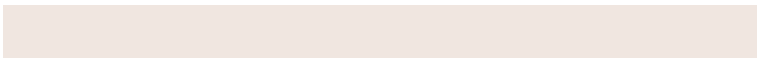
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.0120, 8.8940, 4.0140



241.2080, 11.2780, 4.8620



232.3060, 7.8860, 0.2540



111.7020, 6.8310, 2.8550



57.6380, 102.2810, 46.1610



17.5420, 31.1290, 14.0490

Inverse Universe

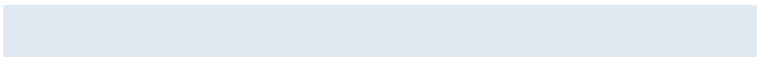
The Inverse Universe completely reimagines the original color for something new.



229.0120, 8.8940, 4.0140



241.2080, 11.2780, 4.8620



231.6940, -7.8860, -0.2540



111.7020, 6.8310, 2.8550



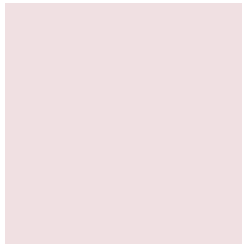
57.6380, 102.2810, 46.1610



17.5420, 31.1290, 14.0490

Previews

White Background



This preview shows how the YIQ color 229.0120, 8.8940, 4.0140 looks on a white background.

Color Contrast Check

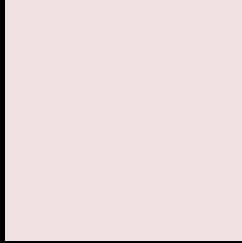
Large Text (above 18pt) WCAG AA × Fail

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 229.0120, 8.8940, 4.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

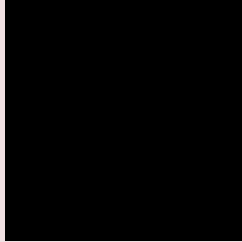
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

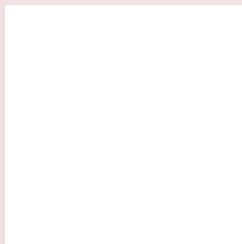
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.0120, 8.8940, 4.0140

Background



This preview shows how black text looks on a background with the YIQ color 229.0120, 8.8940, 4.0140.



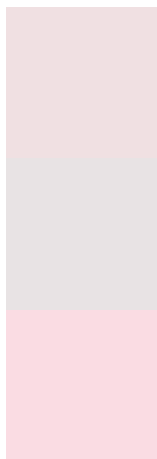
This preview shows how white text looks on a background with the YIQ color 229.0120, 8.8940,

4.0140.

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

229.0120, 8.8940, 4.0140

Protanopia

228.6090, 2.6590, 1.3710

Deuteranopia

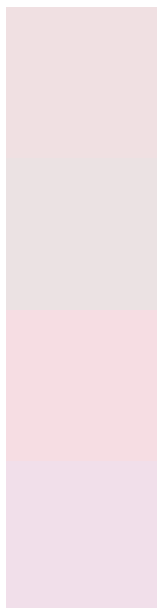
229.7680, 15.6330, 8.5370



Tritanopia

229.9180, 6.4630, 9.5270

Trichromacy



Original Color

229.0120, 8.8940, 4.0140

Protanomaly

228.8050, 5.0430, 2.2190

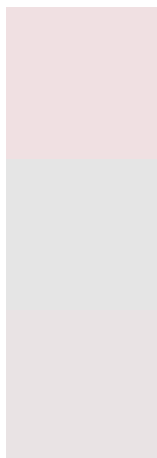
Deuteranomaly

229.1590, 12.9740, 7.1660

Tritanomaly

229.6360, 7.1970, 7.2370

Monochromacy



Original Color

229.0120, 8.8940, 4.0140

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.9080, 3.2550, 1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.0120, 8.8940, 4.0140 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(240, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 226)  
}
```

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(240, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 226) }
```

Border

The CSS property to change the border of an element to YIQ 229.0120, 8.8940, 4.0140 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(240, 224, 226) }
```


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

```
.border{ border-color:rgb(240, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 229.0120, 8.8940, 4.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 226) }
```

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

```
.background{ background-color: rgb(240,  
224, 226) }
```

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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