

Converting Colors

YIQ(228.8270, 7.9770, 4.1130)

Have a look what the booklet for
YIQ(228.8270, 7.9770, 4.1130)
contains.

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Color

**YIQ(228.8270, 7.9770,
4.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE0E3
RGB	239, 224, 227
RGB Percent	94%, 88%, 89%
CMY	0.0627, 0.1216, 0.1098
CMYK	0.00, 0.06, 0.05, 0.06
HSL	348°, 32%, 91%
HSV	348°, 6%, 94%
XYZ	76.1200, 77.2068, 83.5689
YIQ	228.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

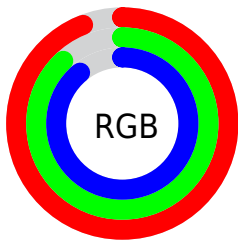
Format	Color
R_{YB}	239, 224, 227
Decimal	15720675
CIE Lab	90.42, 5.63, 0.36
CIE LCh	90, 5.645, 3.673
Yxy	77.2068, 0.3213, 0.3259
Android (android.graphics.Color)	4293910755 (0xFFEFE0E3)
YUV	228.8270, -0.9007, 8.9217
Hunter-Lab	87.8674, 0.8675, 5.1176

Details

The YIQ color **228.8270, 7.9770, 4.1130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **234.1730, -7.9770, -4.1130**, 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 **173.5280, 7.3810, 3.9010** is the 20% darker color. If you saturate the color by 10%, you get **212.5730, 20.6760, 10.7560**, and if you desaturate by 10%, it is **245.0810, -4.7220, -2.5300**.

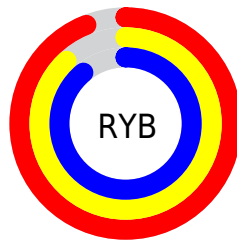
Distribution



Red (94%)

Green (88%)

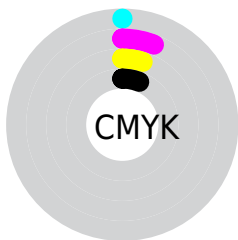
Blue (89%)



Red (94%)

Yellow (88%)

Blue (89%)

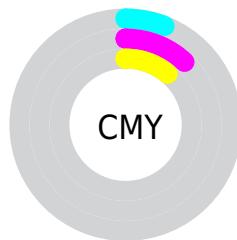


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (6%)



Cyan (6%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8270, 7.9770, 4.1130 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 228.8270, 7.9770, 4.1130 by changing the saturation by 10% instead.

228.8270, 7.9770,
4.1130

228.8270, 7.9770,
4.1130

255.0000, -0.0000,
-0.0000

200.8270, 7.9770,
4.1130

173.5280, 7.3810,
3.9010

146.5280, 7.3810,
3.9010

121.2290, 6.7850,
3.6890

96.2290, 6.7850,
3.6890

72.8160, 6.5100,
3.1660

49.9300, 6.1890,

3.4770

■ 29.2180, 5.3180,
2.7420

■ 4.8980, 9.2150,
3.7030

■ 228.8270, 7.9770,
4.1130

■ 228.8270, 7.9770,
4.1130

■ 212.5730, 20.6760,
10.7560

■ 245.0810, -4.7220,
-2.5300

■ 196.3190, 33.3750,
17.3990

■ 250.2160, -9.5360,
-3.3920

■ 180.0650, 46.0740,
24.0420

■ 163.8110, 58.7730,
30.6850

■ 147.4430, 71.7930,
37.0170

■ 131.7760, 84.2170,
43.1370

■ 115.5220, 96.9160,
49.7800

■ 99.2680, 109.6150,
56.4230

■ 83.0140, 122.3140,
63.0660

Harmonies

Analogous

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



228.7880, 3.7130, 4.2970



228.8270, 7.9770, 4.1130



228.2570, 9.5820, 2.5580

Triad

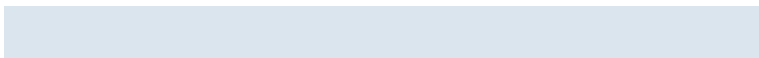
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.8270, 7.9770, 4.1130



226.5500, 1.1470, -4.2690



226.6230, -9.1240, 0.1560

Complementary

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



228.8270, 7.9770, 4.1130



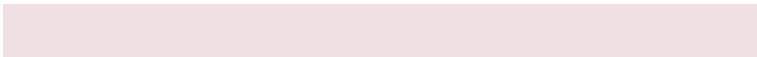
234.1730, -7.9770, -4.1130

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.



226.4440, -10.1780, -2.7700



228.8270, 7.9770, 4.1130



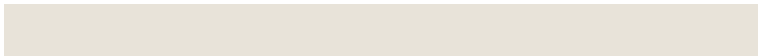
225.9130, -4.3090, -4.5090

Square

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



228.8270, 7.9770, 4.1130



227.3550, 6.1900, -2.0500



225.8740, -8.5730, -4.3250



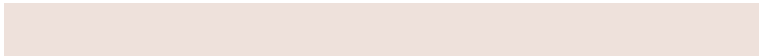
227.6450, -6.1900, 2.0500

Rectangle

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



228.8270, 7.9770, 4.1130



228.2030, 9.6740, 0.8900



225.8740, -8.5730, -4.3250



226.4980, -10.2700, -1.1020

Sweetspot

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



228.8270, 7.9770, 4.1130



251.6090, 2.6590, 1.3710



229.2980, 2.3370, 7.2090



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.



228.8270, 7.9770, 4.1130



241.4360, 10.6360, 5.4840



230.8330, 7.8400, 1.0880



111.8160, 6.5100, 3.1660



59.2340, 97.7870, 50.5150



17.9980, 29.8450, 15.2930

Inverse Universe

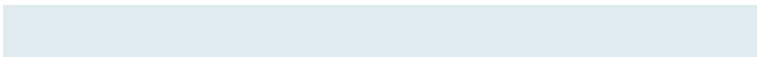
The Inverse Universe completely reimagines the original color for something new.



228.8270, 7.9770, 4.1130



241.4360, 10.6360, 5.4840



232.1670, -7.8400, -1.0880



111.8160, 6.5100, 3.1660



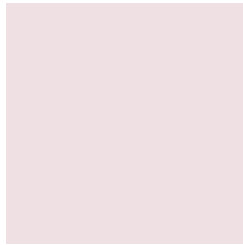
59.2340, 97.7870, 50.5150



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 228.8270, 7.9770, 4.1130 looks on a white background.

Color Contrast Check

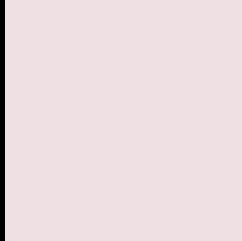
Large Text (above 18pt) WCAG AA × Fail

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 228.8270, 7.9770, 4.1130 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

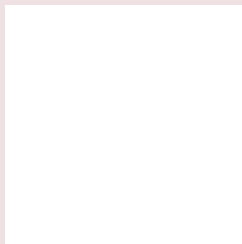
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.8270, 7.9770, 4.1130

Background



This preview shows how black text looks on a background with the YIQ color 228.8270, 7.9770, 4.1130.



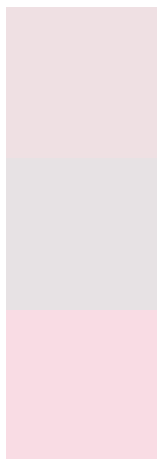
This preview shows how white text looks on a background with the YIQ color 228.8270, 7.9770,

4.1130.

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

228.8270, 7.9770, 4.1130

Protanopia

227.7230, 2.3380, 1.6820

Deuteranopia

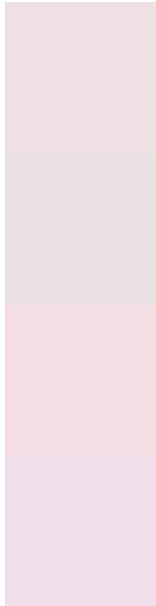
229.5830, 14.7160, 8.6360



Tritanopia

229.6190, 5.8670, 9.3150

Trichromacy



Original Color

228.8270, 7.9770, 4.1130

Protanomaly

228.0330, 4.4010, 2.8410

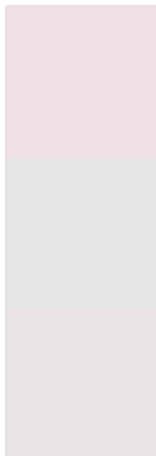
Deuteranomaly

228.9740, 12.0570, 7.2650

Tritanomaly

229.4510, 6.2800, 7.3360

Monochromacy



Original Color

228.8270, 7.9770, 4.1130

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 228.8270, 7.9770, 4.1130 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(239, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 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(239, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 227) }
```

Border

The CSS property to change the border of an element to YIQ 228.8270, 7.9770, 4.1130 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(239, 224, 227) }
```


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

```
.border{ border-color:rgb(239, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8270, 7.9770, 4.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 227) }
```

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

```
.background{ background-color: rgb(239,  
224, 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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