

Converting Colors

XYZ(71.8970, 73.8619, 82.4189)

Have a look what the booklet for
XYZ(71.8970, 73.8619, 82.4189)
contains.

XYZ(71.8970, 73.8619, 82.4189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.8970, 73.8619,
82.4189)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DDE2
RGB	229, 221, 226
RGB Percent	90%, 87%, 89%
CMY	0.1020, 0.1333, 0.1137
CMYK	0.00, 0.03, 0.01, 0.10
HSL	323°, 13%, 88%
HSV	323°, 3%, 90%
XYZ	71.8970, 73.8619, 82.4189
YIQ	223.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

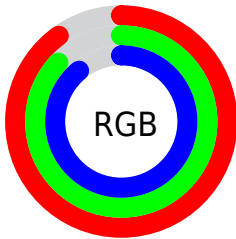
Format	Color
R _Y B	229, 221, 226
Decimal	15064546
CIE Lab	88.86, 3.61, -1.48
CIE LCh	89, 3.899, 337.637
Yxy	73.8619, 0.3151, 0.3237
Android (android.graphics.Color)	4293254626 (0xFFE5DDE2)
YUV	223.9620, 1.0047, 4.4183
Hunter-Lab	85.9429, -1.0730, 3.3012

Details

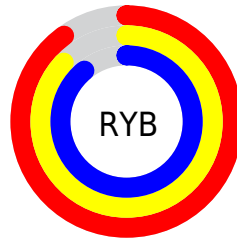
The XYZ color **71.8970, 73.8619, 82.4189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2954, 76.7945, 81.5899**, and the grayscale version is **70.8177, 74.5057, 81.1367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4425, 39.2114, 44.0705** is the 20% darker color. If you saturate the color by 10%, you get **65.1095, 62.1257, 74.4854**, and if you desaturate by 10%, it is **79.5725, 87.2775, 90.9416**.

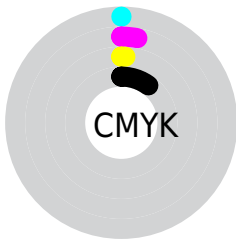
Distribution



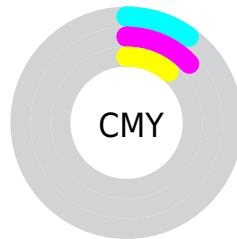
- Red (90%)
- Green (87%)
- Blue (89%)



- Red (90%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8970, 73.8619, 82.4189 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 XYZ color 71.8970, 73.8619, 82.4189 by changing the saturation by 10% instead.

71.8970, 73.8619,
82.4189

71.8970, 73.8619,
82.4189

456.3462,
473.9966, 522.9680

53.3597, 54.6810,
61.1731

120.9217,
124.7000, 138.6032

38.3186, 39.1464,
43.9334

152.1398,
157.1261, 174.3788

26.4084, 26.8736,
30.2813

188.3155,
194.7359, 215.8347

17.2637, 17.4783,
19.7984

229.8142,
237.9140, 263.3895

10.5192, 10.5761,
12.0659

277.0013,
287.0447, 317.4616

5.8094, 5.7826,
6.6655

330.2421,

2.7691, 2.7133,

342.5125, 378.4698

3.1786

389.9019,
404.7016, 446.8324

■ 1.0329, 0.9840,
1.1865

■ 0.0000, 0.0000,
0.0000

■ 71.8970, 73.8619,
82.4189

■ 71.8970, 73.8619,
82.4189

■ 65.1095, 62.1257,
74.4854

■ 79.5725, 87.2775,
90.9416

■ 59.1696, 51.9926,
67.1209

■ 84.2791, 94.6605,
98.7695

■ 54.0432, 43.3946,
60.3104

■ 85.6087, 95.1923,
105.7713

■ 49.6913, 36.2553,
54.0367

■ 86.1235, 95.3982,
108.4822

■ 46.0716, 30.4914,
48.2810

■ 43.1375, 26.0114,
43.0233

■ 40.8368, 22.7123,
38.2412

■ 39.1093, 20.4755,
33.9100

■ 37.8822, 19.1568,
30.0003

Harmonies

Analogous

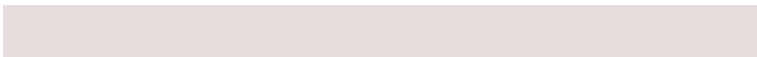
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3187, 73.8619, 84.6139



71.8970, 73.8619, 82.4189



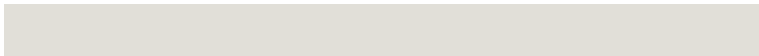
72.0195, 73.8619, 79.7336

Triad

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



71.8970, 73.8619, 82.4189



69.9624, 73.8619, 75.3758



68.7747, 73.8619, 83.6422

Complementary

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



71.8970, 73.8619, 82.4189



71.2954, 76.7945, 81.5899

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.



68.4183, 73.8619, 81.1164



71.8970, 73.8619, 82.4189



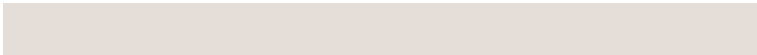
69.1000, 73.8619, 76.3729

Square

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



71.8970, 73.8619, 82.4189



70.8970, 73.8619, 75.7069



68.5368, 73.8619, 78.4597



69.5146, 73.8619, 85.3312

Rectangle

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



71.8970, 73.8619, 82.4189



71.8253, 73.8619, 78.0337



68.5368, 73.8619, 78.4597



68.6064, 73.8619, 82.8607

Sweetspot

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



71.8991, 73.8651, 82.4205



94.0882, 98.3223, 107.8214



70.7220, 73.2103, 84.5333



20.1489, 21.0627, 23.0896



0.0000, 0.0000, 0.0000



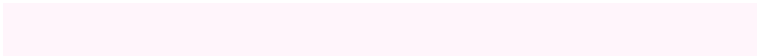
20.3446, 21.4041, 23.3091

Same Dimension

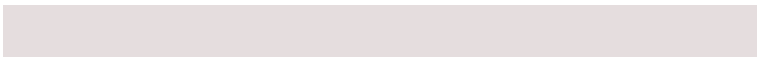
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8991, 73.8651, 82.4205



91.2719, 93.4198, 104.6313



71.3658, 73.6518, 79.6124



15.4654, 15.7511, 17.7294



21.3737, 10.6837, 16.1286



1.6241, 0.8074, 1.4272

Inverse Universe

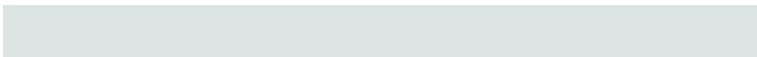
The Inverse Universe completely reimagines the original color for something new.



71.8991, 73.8651, 82.4205



91.2719, 93.4198, 104.6313



71.8347, 77.0102, 84.4300



15.4654, 15.7511, 17.7294



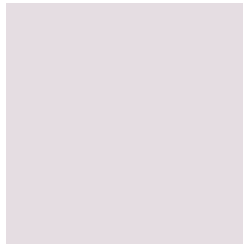
21.3737, 10.6837, 16.1286



1.6241, 0.8074, 1.4272

Previews

White Background



This preview shows how the XYZ color 71.8970, 73.8619, 82.4189 looks on a white background.

Color Contrast Check

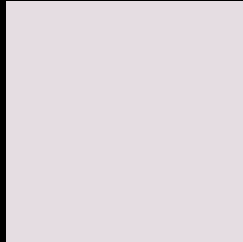
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.8970, 73.8619, 82.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

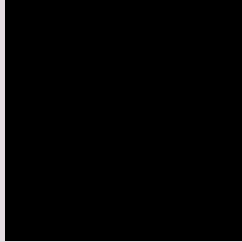
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

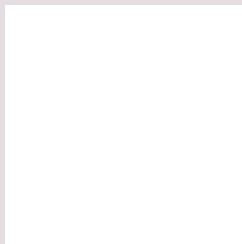
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8970, 73.8619, 82.4189

Background



This preview shows how black text looks on a background with the XYZ color 71.8970, 73.8619, 82.4189.



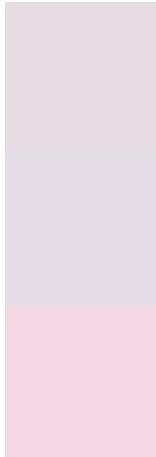
This preview shows how white text looks on a background with the XYZ color 71.8970, 73.8619,

82.4189.

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

71.8970, 73.8619, 82.4189

Protanopia

71.3504, 73.9574, 83.1877

Deuteranopia

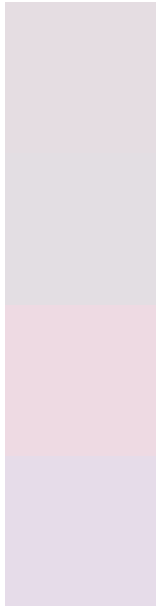
75.3831, 73.7125, 82.9279



Tritanopia

73.5726, 73.7664, 90.4814

Trichromacy



Original Color

71.8970, 73.8619, 82.4189

Protanomaly

71.6650, 74.1195, 83.2024

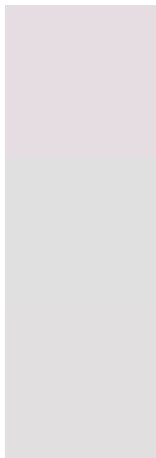
Deuteranomaly

74.1964, 73.8660, 83.0200

Tritanomaly

72.9343, 73.8926, 87.5094

Monochromacy



Original Color

71.8970, 73.8619, 82.4189

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3423, 74.3803, 81.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8970, 73.8619, 82.4189 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(229, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(229, 221, 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(229, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 221, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.8970, 73.8619, 82.4189 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(229, 221, 226) }
```


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

```
.border{ border-color:rgb(229, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(229, 221,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8970, 73.8619, 82.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 221, 226) }
```

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

```
.background{ background-color: rgb(229,  
221, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor