

Converting Colors

XYZ(71.5587, 73.9609, 82.1449)

Have a look what the booklet for
XYZ(71.5587, 73.9609, 82.1449)
contains.

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Color

**XYZ(71.8437, 74.2275,
82.4923)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DEE2
RGB	228, 222, 226
RGB Percent	89%, 87%, 89%
CMY	0.1059, 0.1294, 0.1137
CMYK	0.00, 0.03, 0.01, 0.11
HSL	320°, 10%, 88%
HSV	320°, 3%, 89%
XYZ	71.8437, 74.2275, 82.4923
YIQ	224.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

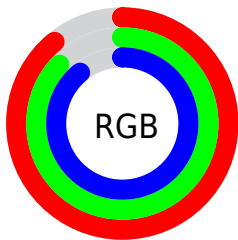
Format	Color
R_{YB}	228, 222, 226
Decimal	14999266
CIE _{Lab}	89.03, 2.75, -1.24
CIE _{LCh}	89, 3.015, 335.722
Yxy	74.2275, 0.3143, 0.3248
Android (android.graphics.Color)	4293189346 (0xFFE4DDE2)
YUV	224.2500, 0.8628, 3.2887
Hunter-Lab	86.1554, -1.9234, 3.5396

Details

The XYZ color **71.8437, 74.2275, 82.4923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3250, 76.4003, 81.5124**, and the grayscale version is **71.0250, 74.7238, 81.3742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4030, 39.4619, 44.1209** is the 20% darker color. If you saturate the color by 10%, you get **65.1730, 62.5183, 75.2343**, and if you desaturate by 10%, it is **79.3838, 87.5994, 90.2703**.

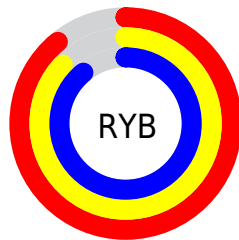
Distribution



Red (89%)

Green (87%)

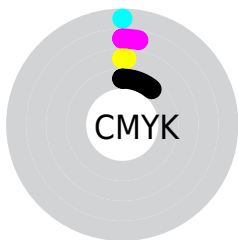
Blue (89%)



Red (89%)

Yellow (87%)

Blue (89%)

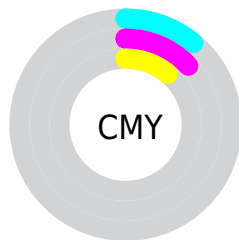


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8437, 74.2275, 82.4923 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 71.8437, 74.2275, 82.4923 by changing the saturation by 10% instead.

■ 71.8437, 74.2275,
82.4923

■ 71.8437, 74.2275,
82.4923

456.1635,
475.2582, 523.2195

■ 53.3160, 54.9803,
61.2332

120.8463,
125.2183, 138.7070

■ 38.2836, 39.3859,
43.9816

152.0519,
157.7306, 174.4998

■ 26.3811, 27.0601,
30.3190

188.2142,
195.4333, 215.9741

■ 17.2431, 17.6183,
19.8267

229.6986,
238.7110, 263.5487

■ 10.5044, 10.6763,
12.0863

276.8703,
287.9479, 317.6420

■ 5.7994, 5.8496,
6.6792

330.0948,

■ 2.7630, 2.7539,

343.5285, 378.6725

3.1869

389.7374,
405.8371, 447.0589

■ 1.0297, 1.0046,
1.1909

■ 0.0000, 0.0000,
0.0000

■ 71.8437, 74.2275,
82.4923

■ 71.8437, 74.2275,
82.4923

■ 65.1730, 62.5183,
75.2343

■ 79.3838, 87.5994,
90.2703

■ 59.3320, 52.3967,
68.4774

■ 83.6643, 94.3778,
97.1922

■ 54.2876, 43.7959,
62.2086

■ 84.8258, 94.8424,
103.3084

■ 50.0017, 36.6409,
56.4120

■ 85.8054, 95.2343,
108.4674

■ 46.4330, 30.8501,
51.0709

■ 43.5361, 26.3339,
46.1668

■ 41.2603, 22.9917,
41.6797

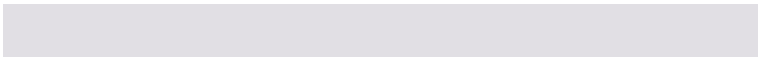
■ 39.5471, 20.7078,
37.5868

■ 38.3262, 19.3424,
33.8611

Harmonies

Analogous

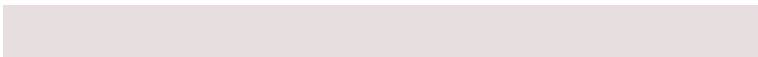
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3772, 74.2275, 84.1429



71.8437, 74.2275, 82.4923



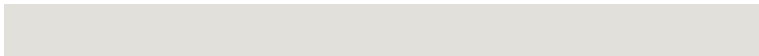
71.9628, 74.2275, 80.4193

Triad

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



71.8437, 74.2275, 82.4923



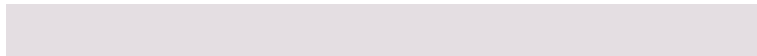
70.4106, 74.2275, 76.8706



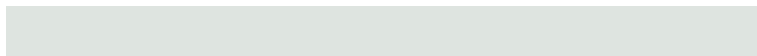
69.4128, 74.2275, 83.2010

Complementary

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



71.8437, 74.2275, 82.4923



71.3250, 76.4003, 81.5124

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.



69.1578, 74.2275, 81.2243



71.8437, 74.2275, 82.4923



69.7312, 74.2275, 77.5879

Square

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



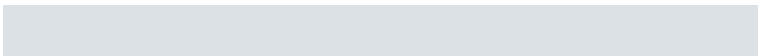
71.8437, 74.2275, 82.4923



71.1321, 74.2275, 77.1969



69.2739, 74.2275, 79.1727



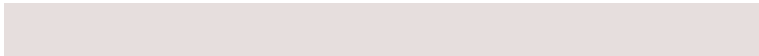
69.9730, 74.2275, 84.5570

Rectangle

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



71.8437, 74.2275, 82.4923



71.8285, 74.2275, 79.0818



69.2739, 74.2275, 79.1727



69.2888, 74.2275, 82.5858

Sweetspot

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



71.8458, 74.2307, 82.4939



94.1052, 98.3291, 107.9110



70.8683, 73.6948, 83.8894



20.1524, 21.0641, 23.1078



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

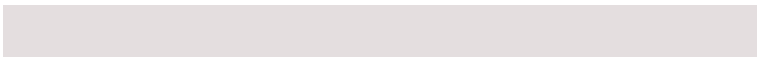
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8458, 74.2307, 82.4939



92.2497, 95.0525, 105.9533



71.4380, 74.0676, 80.3466



15.6236, 16.0115, 17.9546



21.8025, 10.8552, 18.3865



1.6538, 0.8192, 1.5835

Inverse Universe

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



71.8458, 74.2307, 82.4939



92.2497, 95.0525, 105.9533



71.7351, 76.5643, 83.6723



15.6236, 16.0115, 17.9546



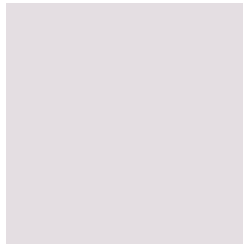
21.8025, 10.8552, 18.3865



1.6538, 0.8192, 1.5835

Previews

White Background



This preview shows how the XYZ color 71.8437, 74.2275, 82.4923 looks on a white background.

Color Contrast Check

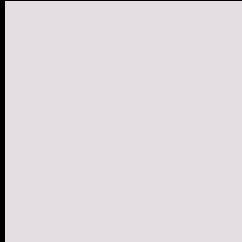
Large Text (above 18pt) WCAG AA × Fail

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 71.8437, 74.2275, 82.4923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

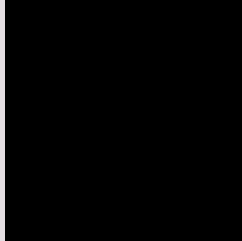
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

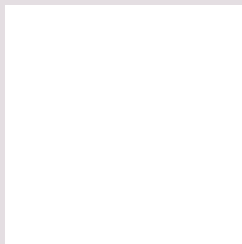
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8437, 74.2275, 82.4923

Background



This preview shows how black text looks on a background with the XYZ color 71.8437, 74.2275, 82.4923.



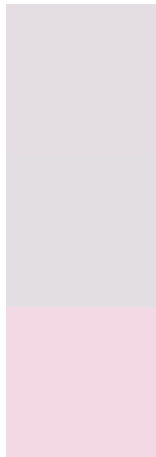
This preview shows how white text looks on a background with the XYZ color 71.8437, 74.2275,

82.4923.

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

71.8437, 74.2275, 82.4923

Protanopia

71.5273, 74.0644, 82.4775

Deuteranopia

75.6401, 74.2264, 83.0135



Tritanopia

73.6589, 74.1824, 91.3253

Trichromacy



Original Color

71.8437, 74.2275, 82.4923

Protanomaly

71.5273, 74.0644, 82.4775

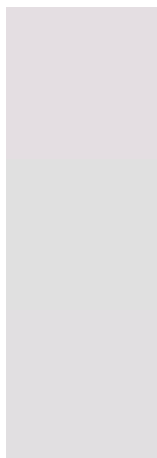
Deuteranomaly

74.4565, 74.3862, 83.1067

Tritanomaly

73.0208, 74.3114, 88.3368

Monochromacy



Original Color

71.8437, 74.2275, 82.4923

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0296, 74.2191, 81.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8437, 74.2275, 82.4923 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(228, 222, 226) looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 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(228, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.8437, 74.2275, 82.4923 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(228, 222, 226) }
```


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

```
.border{ border-color:rgb(228, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8437, 74.2275, 82.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 226) }
```

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

```
.background{ background-color: rgb(228,  
222, 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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