

Converting Colors

XYZ(70.1009, 72.1152, 82.4131)

Have a look what the booklet for
XYZ(70.1009, 72.1152, 82.4131)
contains.

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Color

**XYZ(70.1103, 72.1616,
82.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DBE2
RGB	225, 219, 226
RGB Percent	88%, 86%, 89%
CMY	0.1176, 0.1412, 0.1137
CMYK	0.00, 0.03, 0.00, 0.11
HSL	291°, 11%, 87%
HSV	291°, 3%, 89%
XYZ	70.1103, 72.1616, 82.1849
YIQ	221.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

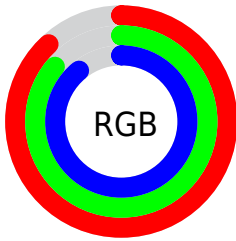
Format	Color
RYB	225, 219, 226
Decimal	14801890
CIELab	88.05, 3.29, -2.71
CIELCh	88, 4.265, 320.577
Yxy	72.1616, 0.3124, 0.3215
Android (android.graphics.Color)	4292991970 (0xFFE1DBE2)
YUV	221.5920, 2.1731, 2.9888
Hunter-Lab	84.9480, -1.3372, 2.1021

Details

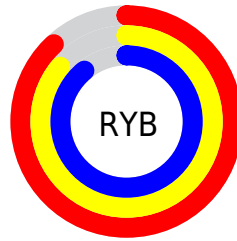
The XYZ color **70.1103, 72.1616, 82.1849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5006, 74.7248, 77.7818**, and the grayscale version is **69.1298, 72.7299, 79.2028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2037, 38.0372, 43.9092** is the 20% darker color. If you saturate the color by 10%, you get **63.6130, 60.6474, 80.3060**, and if you desaturate by 10%, it is **77.4312, 85.2928, 84.3347**.

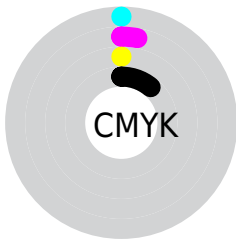
Distribution



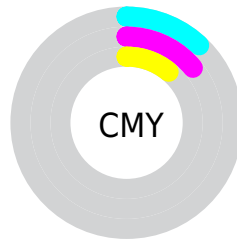
- Red (88%)
- Green (86%)
- Blue (89%)



- Red (88%)
- Yellow (86%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1103, 72.1616, 82.1849 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 70.1103, 72.1616, 82.1849 by changing the saturation by 10% instead.

■ 70.1103, 72.1616,
82.1849

■ 70.1103, 72.1616,
82.1849

450.1976,
468.1039, 522.1656

■ 51.8964, 53.2907,
60.9813

118.3914,
122.2863, 138.2723

■ 37.1464, 38.0349,
43.7796

149.1894,
154.3088, 173.9931

■ 25.4951, 26.0098,
30.1613

184.9127,
191.4840, 215.3900

■ 16.5770, 16.8309,
19.7080

225.9268,
234.1963, 262.8816

■ 10.0268, 10.1140,
12.0010

272.5969,
282.8300, 316.8865

■ 5.4791, 5.4746,
6.6218

325.2886,

■ 2.5686, 2.5283,

337.7696, 377.8230

3.1519

384.3670,
399.3994, 446.1099

■ 0.9300, 0.8908,
1.1727

■ 0.0000, 0.0000,
0.0000

■ 70.1103, 72.1616,
82.1849

■ 70.1103, 72.1616,
82.1849

■ 63.6130, 60.6474,
80.3060

■ 77.4312, 85.2928,
84.3347

■ 57.9011, 50.6766,
78.6825

■ 82.5924, 94.0772,
85.7582

■ 52.9423, 42.1841,
77.3046

■ 83.6478, 94.6213,
85.8076

■ 48.6996, 35.0962,
76.1601

■ 84.7225, 95.1753,
85.8579

45.1332, 29.3330,
75.2357

85.8167, 95.7394,
85.9091

42.1989, 24.8065,
74.5166

86.9305, 96.3135,
85.9613

39.8472, 21.4179,
73.9865

88.0639, 96.8978,
86.0143

38.0212, 19.0535,
73.6264

89.2171, 97.4923,
86.0683

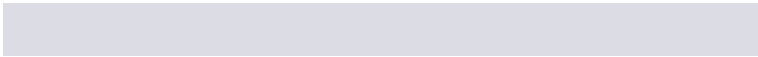
36.6519, 17.5754,
73.4132

90.3902, 98.0971,
86.1232

Harmonies

Analogous

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



69.2776, 72.1616, 83.9365



70.1103, 72.1616, 82.1849



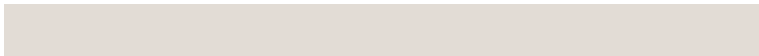
70.5362, 72.1616, 79.4929

Triad

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



70.1103, 72.1616, 82.1849



68.9083, 72.1616, 73.1714



66.7716, 72.1616, 80.5581

Complementary

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



70.1103, 72.1616, 82.1849



69.5006, 74.7248, 77.7818

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.



66.6749, 72.1616, 77.6577



70.1103, 72.1616, 82.1849



67.9019, 72.1616, 73.4406

Square

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



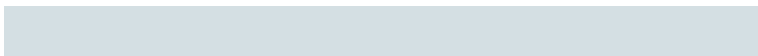
70.1103, 72.1616, 82.1849



69.8377, 72.1616, 74.3213



67.0868, 72.1616, 75.0660



67.3522, 72.1616, 82.9812

Rectangle

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



70.1103, 72.1616, 82.1849



70.5292, 72.1616, 77.5474



67.0868, 72.1616, 75.0660



66.6816, 72.1616, 79.6050

Sweetspot

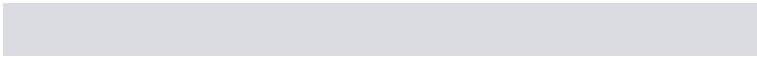
The Sweet Spot groups the original color and five complimentary colors.



70.1124, 72.1647, 82.1865



94.1079, 98.3147, 108.6244



68.5503, 71.7672, 82.1921



20.1529, 21.0612, 23.2530



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.



70.1124, 72.1647, 82.1865



91.3475, 93.3883, 107.8190



70.0914, 72.1925, 80.4438



14.7566, 15.0098, 17.5071



20.5561, 9.6924, 41.8357



1.4783, 0.6994, 2.9023

Inverse Universe

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



69.6165, 72.0025, 77.9427



90.5062, 93.1136, 100.5993



69.5236, 74.6992, 79.4783



14.5971, 14.9578, 16.1361



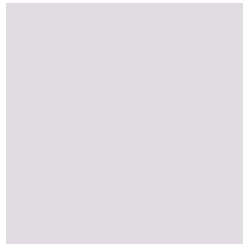
18.0703, 9.2951, 1.7702



1.2782, 0.6546, 0.2579

Previews

White Background



This preview shows how the XYZ color 70.1103, 72.1616, 82.1849 looks on a white background.

Color Contrast Check

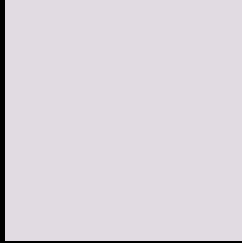
Large Text (above 18pt) WCAG AA × Fail

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 70.1103, 72.1616, 82.1849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

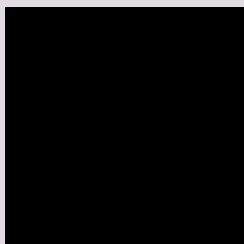
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

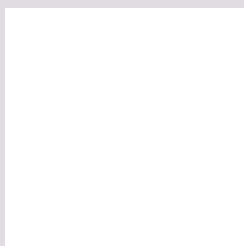
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1103, 72.1616, 82.1849

Background



This preview shows how black text looks on a background with the XYZ color 70.1103, 72.1616, 82.1849.

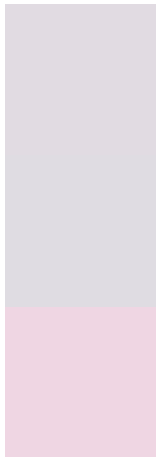


This preview shows how white text looks on a background with the XYZ color 70.1103, 72.1616,

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

70.1103, 72.1616, 82.1849

Protanopia

69.7521, 72.3654, 82.2431

Deuteranopia

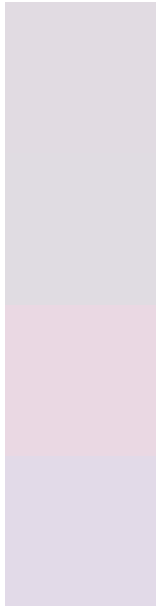
73.5083, 71.9899, 82.6942



Tritanopia

71.4308, 72.3097, 88.7896

Trichromacy



Original Color

70.1103, 72.1616, 82.1849

Protanomaly

70.0611, 72.5247, 82.2576

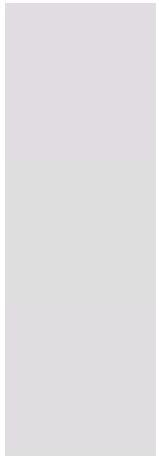
Deuteranomaly

72.3527, 72.1502, 82.7860

Tritanomaly

71.0009, 72.1378, 86.5258

Monochromacy



Original Color

70.1103, 72.1616, 82.1849

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6072, 72.7286, 80.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1103, 72.1616, 82.1849 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(225, 219, 226) looks like.

```
.text, #text, p{  
    color:rgb(225, 219, 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(225, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 219, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.1103, 72.1616, 82.1849 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(225, 219, 226) }
```


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

```
.border{ border-color:rgb(225, 219, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 219, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 219, 226); box-shadow:4px 4px 4px 4px rgb(225, 219, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1103, 72.1616, 82.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 219, 226) }
```

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

```
.background{ background-color: rgb(225,  
219, 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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