

Converting Colors

XYZ(70.4120, 71.8666, 85.0035)

Have a look what the booklet for
XYZ(70.4120, 71.8666, 85.0035)
contains.

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Color

**XYZ(70.4057, 71.8635,
85.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DAE6
RGB	225, 218, 230
RGB Percent	88%, 85%, 90%
CMY	0.1176, 0.1451, 0.0980
CMYK	0.02, 0.05, 0.00, 0.10
HSL	275°, 19%, 88%
HSV	275°, 5%, 90%
XYZ	70.4057, 71.8635, 85.0232
YIQ	221.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

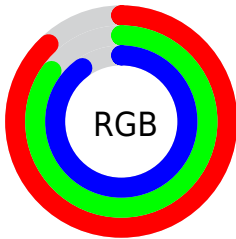
Format	Color
R _Y B	225, 218, 230
Decimal	14801638
CIE Lab	87.90, 4.55, -5.03
CIE LCh	88, 6.780, 312.120
Yxy	71.8635, 0.3098, 0.3162
Android (android.graphics.Color)	4292991718 (0xFFE1DAE6)
YUV	221.4610, 4.2097, 3.1037
Hunter-Lab	84.7723, -0.1026, -0.1248

Details

The XYZ color **70.4057, 71.8635, 85.0232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3857, 77.3454, 77.4999**, and the grayscale version is **69.0242, 72.6188, 79.0819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4126, 37.8356, 45.8886** is the 20% darker color. If you saturate the color by 10%, you get **61.9460, 59.2558, 83.0366**, and if you desaturate by 10%, it is **79.8649, 86.2190, 87.2966**.

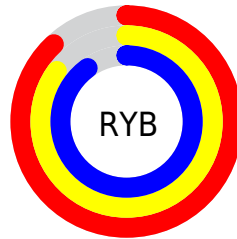
Distribution



Red (88%)

Green (85%)

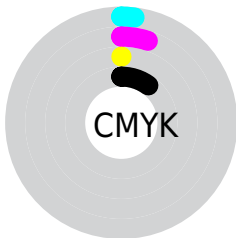
Blue (90%)



Red (88%)

Yellow (85%)

Blue (90%)

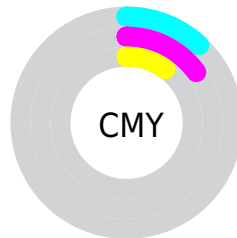


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (10%)



Cyan (12%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4057, 71.8635, 85.0232 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 70.4057, 71.8635, 85.0232 by changing the saturation by 10% instead.

■ 70.4057, 71.8635,
85.0232

■ 70.4057, 71.8635,
85.0232

451.2174,
467.0664, 531.8514

■ 52.1381, 53.0472,
63.3103

118.8102,
121.8624, 142.2800

■ 37.3399, 37.8404,
45.6497

149.6779,
153.8139, 178.6611

■ 25.6457, 25.8589,
31.6228

185.4764,
190.9124, 220.7685

■ 16.6900, 16.7181,
20.8111

226.5710,
233.5425, 269.0210

■ 10.1077, 10.0337,
12.7961

273.3270,
282.0886, 323.8369

■ 5.5332, 5.4213,
7.1592

326.1098,

■ 2.6013, 2.4965,

336.9350, 385.6350

3.4819

385.2849,
398.4661, 454.8336

■ 0.9466, 0.8749,
1.3457

■ 0.0000, 0.0000,
0.0988

■ 70.4057, 71.8635,
85.0232

■ 70.4057, 71.8635,
85.0232

■ 61.9460, 59.2558,
83.0366

■ 79.8649, 86.2190,
87.2966

■ 54.4431, 48.3177,
81.3208

■ 87.4115, 96.4974,
88.8828

■ 47.8599, 38.9782,
79.8651

■ 90.8281, 98.2587,
89.0427

■ 42.1547, 31.1579,
78.6563

■ 91.2831, 98.4933,
89.0640

■ 37.2819, 24.7703,
77.6802

■ 33.1916, 19.7198,
76.9209

■ 29.8276, 15.8990,
76.3607

■ 27.1252, 13.1829,
75.9789

■ 25.0052, 11.4184,
75.7501

Harmonies

Analogous

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



68.9574, 71.8635, 87.2581



70.4057, 71.8635, 85.0232



71.2989, 71.8635, 81.0064

Triad

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



70.4057, 71.8635, 85.0232



69.2609, 71.8635, 70.0934



65.3160, 71.8635, 80.1272

Complementary

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



70.4057, 71.8635, 85.0232



71.3857, 77.3454, 77.4999

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.



65.3943, 71.8635, 75.5512



70.4057, 71.8635, 85.0232



67.6549, 71.8635, 69.8789

Square

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



70.4057, 71.8635, 85.0232



70.6308, 71.8635, 72.4390



66.2447, 71.8635, 71.8410



66.0290, 71.8635, 84.3578

Rectangle

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



70.4057, 71.8635, 85.0232



71.4510, 71.8635, 77.9190



66.2447, 71.8635, 71.8410



65.2510, 71.8635, 78.5762

Sweetspot

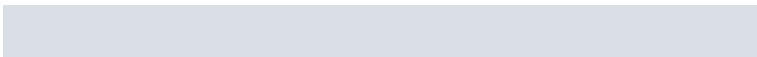
The Sweet Spot groups the original color and five complimentary colors.



70.4078, 71.8666, 85.0248



92.6669, 96.3882, 108.3285



69.6402, 73.5037, 85.3812



19.8595, 20.6689, 23.1927



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.



70.4078, 71.8666, 85.0248



88.0547, 89.4343, 107.2293



71.8774, 72.6371, 84.5085



14.9147, 15.0943, 18.2717



13.8075, 6.1839, 42.8491



1.1255, 0.5112, 3.1713

Inverse Universe

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



71.0263, 72.2967, 80.0267



88.9582, 90.0622, 99.9456



69.9727, 76.6049, 77.9815



15.0837, 15.2117, 16.9116



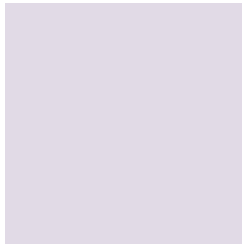
19.7244, 10.0240, 7.4435



1.5030, 0.7589, 0.7892

Previews

White Background



This preview shows how the XYZ color 70.4057, 71.8635, 85.0232 looks on a white background.

Color Contrast Check

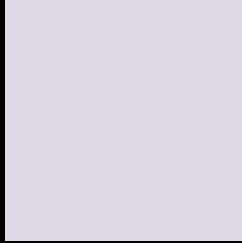
Large Text (above 18pt) WCAG AA × Fail

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 70.4057, 71.8635, 85.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

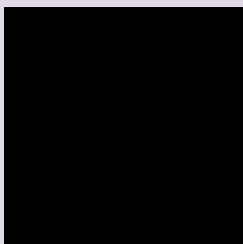
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

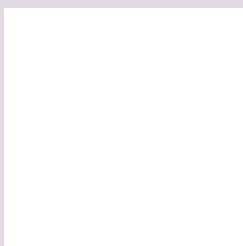
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4057, 71.8635, 85.0232

Background



This preview shows how black text looks on a background with the XYZ color 70.4057, 71.8635, 85.0232.

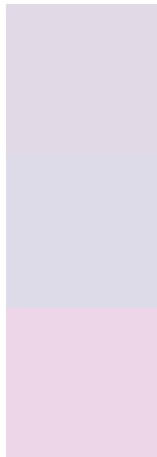


This preview shows how white text looks on a background with the XYZ color 70.4057, 71.8635,

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

70.4057, 71.8635, 85.0232

Protanopia

69.5741, 71.8047, 85.7941

Deuteranopia

73.3954, 71.8672, 85.6047



Tritanopia

71.0282, 71.7350, 87.9445

Trichromacy



Original Color

70.4057, 71.8635, 85.0232

Protanomaly

69.8795, 71.9622, 85.8083

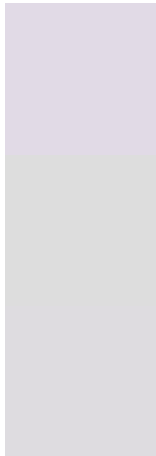
Deuteranomaly

72.3285, 71.6940, 85.6275

Tritanomaly

70.8849, 71.6777, 87.1899

Monochromacy



Original Color

70.4057, 71.8635, 85.0232

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1719, 72.0978, 80.7915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4057, 71.8635, 85.0232 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, 218, 230) looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 230)  
}
```

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, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 230) }
```

Border

The CSS property to change the border of an element to XYZ 70.4057, 71.8635, 85.0232 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, 218, 230) }
```


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

```
.border{ border-color:rgb(225, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4057, 71.8635, 85.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 230) }
```

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

```
.background{ background-color: rgb(225,  
218, 230) }
```

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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