

Converting Colors

XYZ(71.8621, 71.4699, 84.8704)

Have a look what the booklet for
XYZ(71.8621, 71.4699, 84.8704)
contains.

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Color

**XYZ(71.8621, 71.4699,
84.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D7E6
RGB	232, 215, 230
RGB Percent	91%, 84%, 90%
CMY	0.0902, 0.1568, 0.0980
CMYK	0.00, 0.07, 0.01, 0.09
HSL	307°, 27%, 88%
HSV	307°, 7%, 91%
XYZ	71.8621, 71.4699, 84.8704
YIQ	221.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

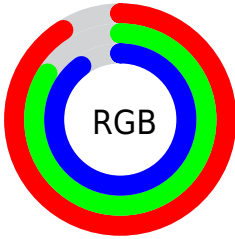
Format	Color
R _Y B	232, 215, 230
Decimal	15259622
CIE Lab	87.71, 8.46, -5.25
CIE LCh	88, 9.958, 328.210
Yxy	71.4699, 0.3149, 0.3132
Android (android.graphics.Color)	4293449702 (0xFFE8D7E6)
YUV	221.7930, 4.0461, 8.9515
Hunter-Lab	84.5399, 3.7870, -0.3439

Details

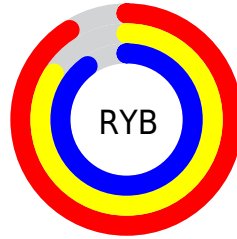
The XYZ color **71.8621, 71.4699, 84.8704** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4081, 77.1720, 76.8870**, and the grayscale version is **69.2566, 72.8634, 79.3482**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2132, 37.4669, 45.7752** is the 20% darker color. If you saturate the color by 10%, you get **65.9887, 60.3309, 81.0365**, and if you desaturate by 10%, it is **78.5833, 84.2928, 89.0183**.

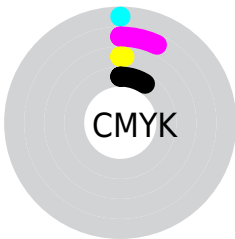
Distribution



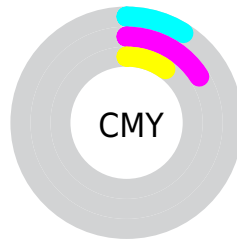
- Red (91%)
- Green (84%)
- Blue (90%)



- Red (91%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8621, 71.4699, 84.8704 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 71.8621, 71.4699, 84.8704 by changing the saturation by 10% instead.

71.8621, 71.4699,
84.8704

71.8621, 71.4699,
84.8704

456.2266,
465.6944, 531.3325

53.3311, 52.7258,
63.1848

120.8723,
121.3026, 142.0646

38.2957, 37.5839,
45.5487

152.0822,
153.1599, 178.4103

26.3905, 25.6599,
31.5438

188.2492,
190.1571, 220.4798

17.2502, 16.5694,
20.7513

229.7385,
232.6785, 268.6916

10.5095, 9.9279,
12.7529

276.9155,
281.1085, 323.4642

5.8029, 5.3512,
7.1299

330.1456,

2.7651, 2.4548,

335.8316, 385.2162

3.4638

389.7942,
397.2321, 454.3661

■ 1.0308, 0.8539,
1.3361

■ 0.0000, 0.0000,
0.0911

■ 71.8621, 71.4699,
84.8704

■ 71.8621, 71.4699,
84.8704

■ 65.9887, 60.3309,
81.0365

■ 78.5833, 84.2928,
89.0183

■ 60.9219, 50.7965,
77.5000

■ 84.1014, 94.7009,
92.7941

■ 56.6261, 42.7947,
74.2500

■ 84.5001, 94.8604,
94.8932

■ 53.0607, 36.2442,
71.2726

■ 84.9048, 95.0223,
97.0244

50.1815, 31.0566,
68.5531

85.3156, 95.1866,
99.1879

47.9393, 27.1337,
66.0748

85.7326, 95.3534,
101.3836

46.2784, 24.3640,
63.8191

86.1557, 95.5227,
103.6118

45.1333, 22.6167,
61.7641

86.5851, 95.6944,
105.8726

44.4179, 21.7193,
59.8808

87.0206, 95.8686,
108.1662

Harmonies

Analogous

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



70.0986, 71.4699, 89.8467



71.8621, 71.4699, 84.8704



72.5691, 71.4699, 78.2253

Triad

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



71.8621, 71.4699, 84.8704



68.0719, 71.4699, 65.5338



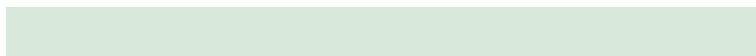
64.0077, 71.4699, 84.1275

Complementary

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



71.8621, 71.4699, 84.8704



69.4081, 77.1720, 76.8870

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.



63.4929, 71.4699, 77.4133



71.8621, 71.4699, 84.8704



65.8066, 71.4699, 66.9149

Square

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



71.8621, 71.4699, 84.8704



70.3496, 71.4699, 67.2827



64.1440, 71.4699, 71.1686



65.5665, 71.4699, 89.4006

Rectangle

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



71.8621, 71.4699, 84.8704



72.3341, 71.4699, 73.8260



64.1440, 71.4699, 71.1686



63.7084, 71.4699, 81.9526

Sweetspot

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



71.8642, 71.4730, 84.8719



93.3480, 96.7505, 107.8567



67.4794, 69.1799, 86.1416



19.9982, 20.7426, 23.0968



0.0000, 0.0000, 0.0000



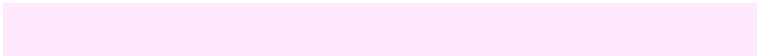
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8642, 71.4730, 84.8719



87.7288, 86.0486, 104.3295



70.7017, 71.0080, 78.7504



14.9182, 14.5845, 17.7698



24.6031, 11.9755, 33.1345



1.8389, 0.8933, 2.5579

Inverse Universe

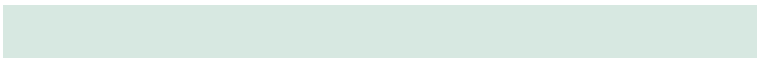
The Inverse Universe completely reimagines the original color for something new.



71.8642, 71.4730, 84.8719



87.7288, 86.0486, 104.3295



70.5401, 77.6248, 82.8478



14.9182, 14.5845, 17.7698



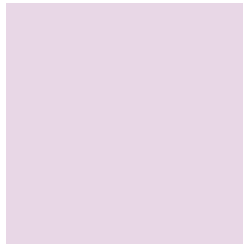
24.6031, 11.9755, 33.1345



1.8389, 0.8933, 2.5579

Previews

White Background



This preview shows how the XYZ color 71.8621, 71.4699, 84.8704 looks on a white background.

Color Contrast Check

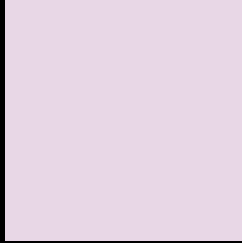
Large Text (above 18pt) WCAG AA × Fail

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 71.8621, 71.4699, 84.8704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

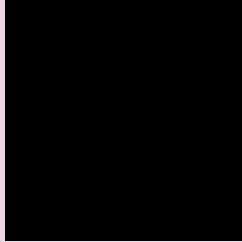
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8621, 71.4699, 84.8704

Background



This preview shows how black text looks on a background with the XYZ color 71.8621, 71.4699, 84.8704.

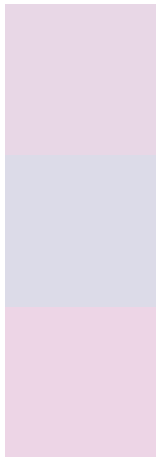


This preview shows how white text looks on a background with the XYZ color 71.8621, 71.4699,

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

71.8621, 71.4699, 84.8704

Protanopia

69.4122, 71.7049, 86.5259

Deuteranopia

73.0022, 71.3062, 84.7788



Tritanopia

72.1446, 71.5829, 86.3584

Trichromacy



Original Color

71.8621, 71.4699, 84.8704

Protanomaly

70.2357, 71.7596, 85.7505

Deuteranomaly

72.5904, 71.4685, 84.8318

Tritanomaly

72.0030, 71.5262, 85.6123

Monochromacy



Original Color

71.8621, 71.4699, 84.8704

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2862, 72.2680, 81.4788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8621, 71.4699, 84.8704 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(232, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 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(232, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.8621, 71.4699, 84.8704 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(232, 215, 230) }
```


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

```
.border{ border-color:rgb(232, 215, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8621, 71.4699, 84.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 230) }
```

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

```
.background{ background-color: rgb(232,  
215, 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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