

Converting Colors

XYZ(73.3870, 71.6622, 85.9380)

Have a look what the booklet for
XYZ(73.3870, 71.6622, 85.9380)
contains.

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Color

**XYZ(73.2848, 71.4192,
86.2667)**

Conversions

Conversions Part 1

Format	Color
Hex	#EDD5E8
RGB	237, 213, 232
RGB Percent	93%, 84%, 91%
CMY	0.0706, 0.1647, 0.0902
CMYK	0.00, 0.10, 0.02, 0.07
HSL	313°, 40%, 88%
HSV	313°, 10%, 93%
XYZ	73.2848, 71.4192, 86.2667
YIQ	222.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

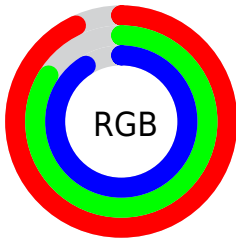
Format	Color
R _Y B	237, 213, 232
Decimal	15586792
CIE Lab	87.69, 11.56, -6.29
CIE LCh	88, 13.158, 331.433
Yxy	71.4192, 0.3173, 0.3092
Android (android.graphics.Color)	4293776872 (0xFFEDD5E8)
YUV	222.3420, 4.7614, 12.8551
Hunter-Lab	84.5099, 6.8983, -1.3656

Details

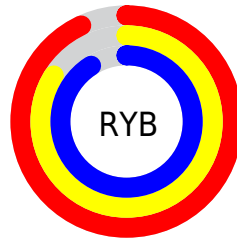
The XYZ color **73.2848, 71.4192, 86.2667** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3824, 79.7784, 78.0227**, and the grayscale version is **69.6379, 73.2645, 79.7850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1194, 37.4121, 46.2337** is the 20% darker color. If you saturate the color by 10%, you get **67.0627, 60.0810, 80.7808**, and if you desaturate by 10%, it is **80.4018, 84.5137, 92.1498**.

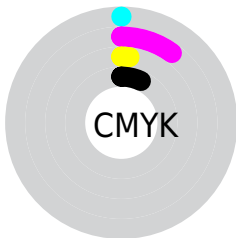
Distribution



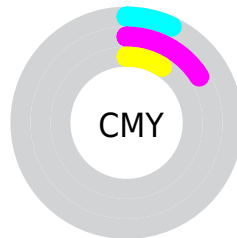
- Red (93%)
- Green (84%)
- Blue (91%)



- Red (93%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (7%)





- Cyan (7%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2848, 71.4192, 86.2667 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 73.2848, 71.4192, 86.2667 by changing the saturation by 10% instead.


 73.2848, 71.4192,
86.2667

 73.2848, 71.4192,
86.2667


461.0898,
465.5175, 536.0637

 54.4981, 52.6844,
64.3324


122.8824,
121.2304, 144.0314

 39.2323, 37.5509,
46.4720

154.4240,
153.0756, 180.6989

 27.1220, 25.6343,
32.2671


190.9479,
190.0597, 223.1146

 17.8019, 16.5502,
21.2991

232.8195,
232.5671, 271.6969

 10.9067, 9.9144,
13.1494

280.4041,
280.9822, 326.8644

 6.0710, 5.3422,
7.3996

334.0671,

 2.9293, 2.4494,

335.6893, 389.0357

3.6310

394.1739,
397.0730, 458.6293

■ 1.1165, 0.8511,
1.4252

■ 0.0389, 0.0000,
0.1612

■ 73.2848, 71.4192,
86.2667

■ 73.2848, 71.4192,
86.2667

■ 67.0627, 60.0810,
80.7808

■ 80.4018, 84.5137,
92.1498

■ 61.6916, 50.4145,
75.6743

■ 86.6943, 95.9283,
97.8553

■ 57.1330, 42.3420,
70.9342

■ 87.4458, 96.2289,
101.8126

■ 53.3431, 35.7759,
66.5453

■ 88.2175, 96.5375,
105.8762

■ 50.2736, 30.6204,
62.4905

■ 88.7356, 96.7448,
108.6045

■ 47.8710, 26.7683,
58.7513

■ 46.0739, 24.0972,
55.3063

■ 44.8093, 22.4615,
52.1304

■ 43.9614, 21.6191,
49.2168

Harmonies

Analogous

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



71.0567, 71.4192, 93.3539



73.2848, 71.4192, 86.2667



74.0537, 71.4192, 77.3348

Triad

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



73.2848, 71.4192, 86.2667



67.7320, 71.4192, 61.8299



62.8935, 71.4192, 87.0661

Complementary

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



73.2848, 71.4192, 86.2667



70.3824, 79.7784, 78.0227

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.



62.0628, 71.4192, 78.1935



73.2848, 71.4192, 86.2667



64.8029, 71.4192, 64.0131

Square

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



73.2848, 71.4192, 86.2667



70.7894, 71.4192, 63.6367



62.7511, 71.4192, 69.8380



65.0550, 71.4192, 93.8397

Rectangle

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



73.2848, 71.4192, 86.2667



73.6171, 71.4192, 71.6562



62.7511, 71.4192, 69.8380



62.4524, 71.4192, 84.2080

Sweetspot

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



73.2869, 71.4223, 86.2682



92.4023, 95.1136, 106.7566



67.9370, 68.5811, 89.7787



19.6300, 20.0857, 22.7292



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.



73.2869, 71.4223, 86.2682



85.0435, 81.6027, 100.5838



71.6665, 70.7742, 77.7356



15.5725, 15.2569, 18.3003



24.0503, 11.8228, 27.1301



1.9222, 0.9419, 2.3079

Inverse Universe

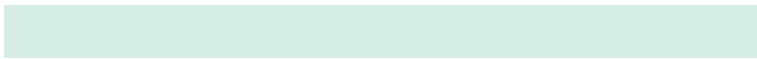
The Inverse Universe completely reimagines the original color for something new.



73.2869, 71.4223, 86.2682



85.0435, 81.6027, 100.5838



71.9820, 80.4183, 86.4461



15.5725, 15.2569, 18.3003



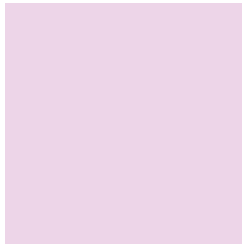
24.0503, 11.8228, 27.1301



1.9222, 0.9419, 2.3079

Previews

White Background



This preview shows how the XYZ color 73.2848, 71.4192, 86.2667 looks on a white background.

Color Contrast Check

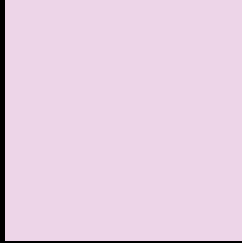
Large Text (above 18pt) WCAG AA × Fail

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 73.2848, 71.4192, 86.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

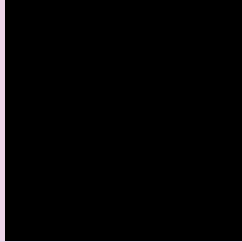
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2848, 71.4192, 86.2667

Background



This preview shows how black text looks on a background with the XYZ color 73.2848, 71.4192, 86.2667.

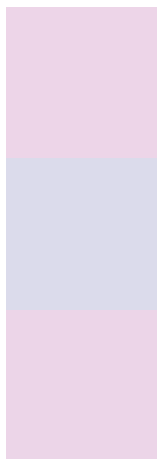


This preview shows how white text looks on a background with the XYZ color 73.2848, 71.4192,

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

73.2848, 71.4192, 86.2667

Protanopia

69.5403, 71.7213, 88.7757

Deuteranopia

72.9518, 71.2476, 86.2511



Tritanopia

73.0022, 71.3062, 84.7788

Trichromacy



Original Color

73.2848, 71.4192, 86.2667

Protanomaly

71.0282, 71.7350, 87.9445

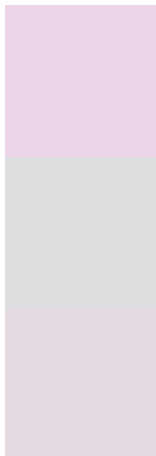
Deuteranomaly

72.9518, 71.2476, 86.2511

Tritanomaly

73.1431, 71.3625, 85.5206

Monochromacy



Original Color

73.2848, 71.4192, 86.2667

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.7375, 72.4849, 82.2142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2848, 71.4192, 86.2667 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(237, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 232)  
}
```

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(237, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.2848, 71.4192, 86.2667 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(237, 213, 232) }
```


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

```
.border{ border-color:rgb(237, 213, 232) }
```

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

Here you see how a box with a 4 pixel rgb(237, 213, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2848, 71.4192, 86.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 232) }
```

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

```
.background{ background-color: rgb(237,  
213, 232) }
```

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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