

Converting Colors

XYZ(73.5978, 71.3635, 97.0392)

Have a look what the booklet for
XYZ(73.5978, 71.3635, 97.0392)
contains.

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Color

**XYZ(73.7075, 71.3981,
97.0852)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E8D5F6 |
| RGB | 232, 213, 246 |
| RGB Percent | 91%, 84%, 96% |
| CMY | 0.0902, 0.1647, 0.0353 |
| CMYK | 0.06, 0.13, 0.00, 0.04 |
| HSL | 275°, 65%, 90% |
| HSV | 275°, 13%, 96% |
| XYZ | 73.7075, 71.3981, 97.0852 |
| YIQ | 222.4430, 0.7310, 14.2910 |

Conversions

Conversions Part 2

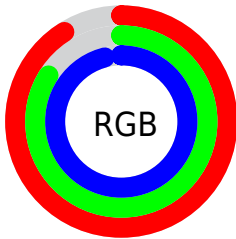
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 232, 213, 246 |
| Decimal | 15259126 |
| CIE Lab | 87.68, 12.48, -13.74 |
| CIE LCh | 88, 18.564, 312.242 |
| Yxy | 71.3981, 0.3043, 0.2948 |
| Android (android.graphics.Color) | 4293449206 (0xFFE8D5F6) |
| YUV | 222.4430, 11.6136, 8.3815 |
| Hunter-Lab | 84.4974, 7.8360, -8.9744 |

Details

The XYZ color **73.7075, 71.3981, 97.0852** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.6471, 87.0484, 75.7165**, and the grayscale version is **69.6662, 73.2942, 79.8174**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4256, 37.4015, 53.8565** is the 20% darker color. If you saturate the color by 10%, you get **64.6956, 58.2546, 95.0243**, and if you desaturate by 10%, it is **83.8634, 86.5285, 99.4715**.

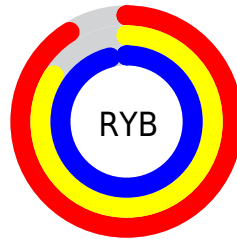
Distribution



Red (91%)

Green (84%)

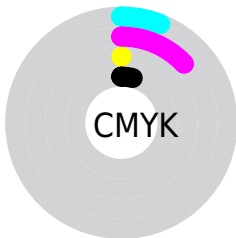
Blue (96%)



Red (91%)

Yellow (84%)

Blue (96%)

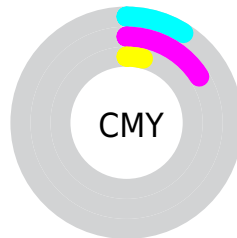


Cyan (6%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7075, 71.3981, 97.0852 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 73.7075, 71.3981, 97.0852 by changing the saturation by 10% instead.

73.7075, 71.3981,
97.0852

73.7075, 71.3981,
97.0852

462.5292,
465.4439, 571.9732

54.8451, 52.6671,
73.2653

123.4788,
121.2004, 159.1625

39.5111, 37.5371,
53.6997

155.1184,
153.0405, 198.2570

27.3401, 25.6236,
37.9701

191.7478,
190.0192, 243.2801

17.9667, 16.5423,
25.6578

233.7324,
232.5207, 294.6503

11.0256, 9.9087,
16.3444

281.4375,
280.9296, 352.7861

6.1515, 5.3385,
9.6112

335.2284,

2.9789, 2.4472,

335.6301, 418.1062

5.0397

395.4705,
397.0068, 491.0290

■ 1.1426, 0.8500,
2.2114

■ 0.0603, 0.0000,
0.6810

■ 73.7075, 71.3981,
97.0852

■ 73.7075, 71.3981,
97.0852

■ 64.6956, 58.2546,
95.0243

■ 83.8634, 86.5285,
99.4715

■ 56.7758, 47.0028,
93.2699

■ 92.8578, 99.0334,
101.4111

■ 49.9012, 37.5531,
91.8083

■ 93.6348, 99.4339,
101.4475

■ 44.0189, 29.8051,
90.6228

■ 39.0708, 23.6482,
89.6952

■ 34.9918, 18.9580,
89.0049

■ 31.7073, 15.5912,
88.5281

■ 29.1271, 13.3735,
88.2361

■ 27.7265, 12.3719,
88.1165

Harmonies

Analogous

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



69.6709, 71.3981, 103.8940



73.7075, 71.3981, 97.0852



76.2389, 71.3981, 85.3640

Triad

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



73.7075, 71.3981, 97.0852



70.4740, 71.3981, 56.8798



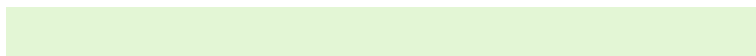
59.9279, 71.3981, 82.9902

Complementary

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



73.7075, 71.3981, 97.0852



76.6471, 87.0484, 75.7165

Split Complementary

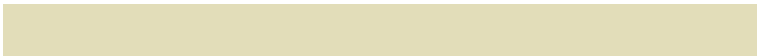
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.1219, 71.3981, 70.5847



73.7075, 71.3981, 97.0852



66.0842, 71.3981, 56.3914

Square

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



73.7075, 71.3981, 97.0852



74.3172, 71.3981, 62.5679



62.3336, 71.3981, 61.1528



61.7914, 71.3981, 95.1865

Rectangle

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



73.7075, 71.3981, 97.0852



76.6681, 71.3981, 76.7966



62.3336, 71.3981, 61.1528



59.7570, 71.3981, 78.6919

Sweetspot

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



73.7096, 71.4011, 97.0868



90.3077, 92.8523, 107.7703



71.6290, 75.9052, 98.0658



19.1436, 19.5951, 23.0232



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.



73.7096, 71.4011, 97.0868



77.3029, 73.5379, 104.7277



78.1011, 73.7038, 95.5400



16.4948, 16.3978, 20.8383



14.9628, 6.6880, 47.0403



1.4324, 0.6483, 4.1399

Inverse Universe

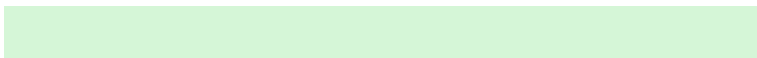
The Inverse Universe completely reimagines the original color for something new.



75.6679, 72.7305, 82.7267



79.8333, 75.2528, 86.2975



72.6904, 84.9761, 76.9990



16.7909, 16.5992, 18.6454



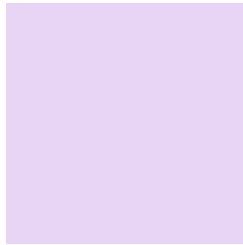
21.6967, 11.0221, 8.3771



1.9572, 0.9888, 1.0009

Previews

White Background



This preview shows how the XYZ color 73.7075, 71.3981, 97.0852 looks on a white background.

Color Contrast Check

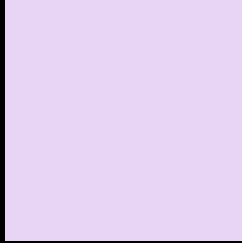
Large Text (above 18pt) WCAG AA × Fail

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 73.7075, 71.3981, 97.0852 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 73.7075, 71.3981, 97.0852

Background



This preview shows how black text looks on a background with the XYZ color 73.7075, 71.3981, 97.0852.



This preview shows how white text looks on a background with the XYZ color 73.7075, 71.3981,

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

73.7075, 71.3981, 97.0852

Protanopia

70.1946, 71.4294, 99.7101

Deuteranopia

72.9942, 71.4050, 97.1241



Tritanopia

71.4991, 71.2501, 86.3282

Trichromacy



Original Color

73.7075, 71.3981, 97.0852

Protanomaly

71.3179, 71.2612, 98.8029

Deuteranomaly

73.3142, 71.5699, 97.1391

Tritanomaly

72.2876, 71.1965, 90.0531

Monochromacy



Original Color

73.7075, 71.3981, 97.0852

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.1194, 72.6013, 85.8664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7075, 71.3981, 97.0852 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, 213, 246)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 246)  
}
```

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, 213, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 246) }
```

Border

The CSS property to change the border of an element to XYZ 73.7075, 71.3981, 97.0852 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, 213, 246) }
```


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

```
.border{ border-color:rgb(232, 213, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 213, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 246);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7075, 71.3981, 97.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 246) }
```

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

```
.background{ background-color: rgb(232,  
213, 246) }
```

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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