

Converting Colors

XYZ(133.5252, 100.0000,
106.3831)

Have a look what the booklet for
XYZ(133.5252, 100.0000, 106.3831)
contains.

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Color

**XYZ(81.4422, 73.0414,
103.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFFE
RGB	255, 207, 254
RGB Percent	100%, 81%, 100%
CMY	0.0000, 0.1882, 0.0039
CMYK	0.00, 0.19, 0.00, 0.00
HSL	301°, 100%, 91%
HSV	301°, 19%, 100%
XYZ	81.4422, 73.0414, 103.5719
YIQ	226.7100, 13.5210, 24.7930

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 207, 254
Decimal	16764926
CIE _{Lab}	88.47, 24.61, -16.58
CIE _{LCh}	88, 29.676, 326.040
Yxy	73.0414, 0.3156, 0.2830
Android (android.graphics.Color)	4294955006 (0xFFFFCFE)
YUV	226.7100, 13.4540, 24.8103
Hunter-Lab	85.4643, 20.5371, -12.0270

Details

The XYZ color **81.4422, 73.0414, 103.5719** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8794, 89.3405, 73.0807**, and the grayscale version is **72.7031, 76.4893, 83.2969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5950, 38.4935, 57.9029** is the 20% darker color. If you saturate the color by 10%, you get **75.6716, 61.6357, 101.2307**, and if you desaturate by 10%, it is **88.2139, 86.4483, 106.2500**.

Distribution



- Red (100%)
- Green (81%)
- Blue (100%)



- Red (100%)
- Yellow (81%)
- Blue (100%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4422, 73.0414, 103.5719 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 81.4422, 73.0414, 103.5719 by changing the saturation by 10% instead.


 81.4422, 73.0414,
103.5719

 81.4422, 73.0414,
103.5719


488.4428,
471.1583, 592.9290

 61.2184, 54.0098,
78.6535


134.3314,
123.5360, 168.1517

 44.6547, 38.6095,
58.0913


167.7275,
155.7678, 208.6502

 31.3856, 26.4561,
41.4669


206.2451,
193.1684, 255.1791

 21.0459, 17.1652,
28.3616

250.2496,
236.1223, 308.1570

 13.2702, 10.3523,
18.3570

300.1062,
285.0138, 368.0024

 7.6932, 5.6332,
11.0345

356.1804,

 3.9494, 2.6233,

340.2274, 435.1338

5.9756

418.8374,
402.1474, 509.9699

■ 1.6735, 0.9384,
2.7617

■ 0.4396, 0.0000,
0.9743

■ 81.4422, 73.0414,
103.5719

■ 81.4422, 73.0414,
103.5719

■ 75.6716, 61.6357,
101.2307

■ 88.2139, 86.4483,
106.2500

■ 70.8495, 52.1269,
99.2058

95.0500, 100.0000,
108.9000

■ 66.9257, 44.4144,
97.4815

■ 63.8437, 38.3849,
96.0390

■ 61.5402, 33.9122,
94.8571

■ 59.9433, 30.8524,
93.9119

■ 58.9677, 29.0348,
93.1750

■ 58.4898, 28.2121,
92.6051

■ 58.4473, 28.1429,
92.5426

Harmonies

Analogous

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



75.6255, 73.0414, 120.3362



81.4422, 73.0414, 103.5719



84.0370, 73.0414, 82.2752

Triad

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



81.4422, 73.0414, 103.5719



70.3758, 73.0414, 46.4058



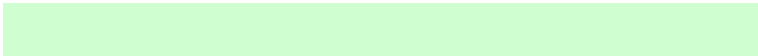
57.8068, 73.0414, 98.0655

Complementary

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



81.4422, 73.0414, 103.5719



72.8794, 89.3405, 73.0807

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.



56.6109, 73.0414, 76.8459



81.4422, 73.0414, 103.5719



63.5705, 73.0414, 49.1804

Square

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



81.4422, 73.0414, 103.5719



77.3769, 73.0414, 51.1771



58.6498, 73.0414, 59.5296



62.0350, 73.0414, 116.7939

Rectangle

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



81.4422, 73.0414, 103.5719



83.4685, 73.0414, 69.1546



58.6498, 73.0414, 59.5296



57.0499, 73.0414, 90.8938

Sweetspot

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



81.4438, 73.0443, 103.5734



90.3106, 90.6032, 107.0675



66.3220, 65.2302, 103.7029



19.2247, 19.1837, 22.8758



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.



81.4438, 73.0443, 103.5734



78.9131, 68.0396, 102.5548



77.8657, 71.6130, 84.7312



18.7754, 18.2935, 22.7004



30.5474, 14.7083, 48.3946



2.9793, 1.4341, 4.7384

Inverse Universe

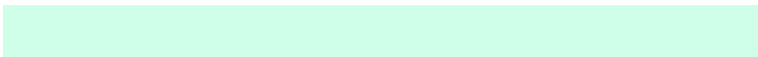
The Inverse Universe completely reimagines the original color for something new.



81.4438, 73.0443, 103.5734



78.9131, 68.0396, 102.5548



76.0312, 90.6012, 89.6777



18.7754, 18.2935, 22.7004



30.5474, 14.7083, 48.3946



2.9793, 1.4341, 4.7384

Previews

White Background



This preview shows how the XYZ color 81.4422, 73.0414, 103.5719 looks on a white background.

Color Contrast Check

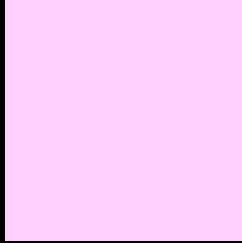
Large Text (above 18pt) WCAG AA × Fail

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 81.4422, 73.0414, 103.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

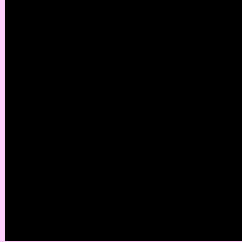
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4422, 73.0414, 103.5719

Background



This preview shows how black text looks on a background with the XYZ color 81.4422, 73.0414, 103.5719.



This preview shows how white text looks on a background with the XYZ color 81.4422, 73.0414,

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

81.4422, 73.0414, 103.5719

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.0167, 73.4770, 102.3241



Tritanopia

77.3307, 73.1976, 83.4516

Trichromacy



Original Color

81.4422, 73.0414, 103.5719



Protanomaly

75.2390, 73.1547, 104.7625



Deuteranomaly

77.1205, 73.0311, 102.9602



Tritanomaly

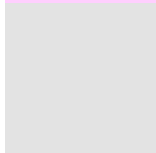
78.4775, 72.9031, 90.0562

Monochromacy



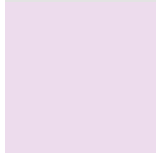
Original Color

81.4422, 73.0414, 103.5719



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

75.8043, 75.3053, 90.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4422, 73.0414, 103.5719 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(255, 207, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 254)  
}
```

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(255, 207, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.4422, 73.0414, 103.5719 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(255, 207, 254) }
```


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

```
.border{ border-color:rgb(255, 207, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4422, 73.0414, 103.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 254) }
```

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

```
.background{ background-color: rgb(255,  
207, 254) }
```

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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