

Converting Colors

XYZ(134.5320, 100.0000,
95.3570)

Have a look what the booklet for
XYZ(134.5320, 100.0000, 95.3570)
contains.

XYZ(78.9485, 71.2735, 92.8152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.9485, 71.2735,
92.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDF1
RGB	255, 205, 241
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.1961, 0.0549
CMYK	0.00, 0.20, 0.05, 0.00
HSL	317°, 100%, 90%
HSV	317°, 20%, 100%
XYZ	78.9485, 71.2735, 92.8152
YIQ	224.0540, 18.2440, 21.7960

Conversions

Conversions Part 2

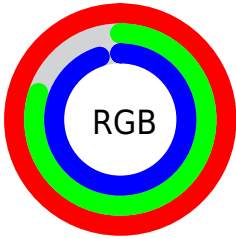
Format	Color
R_{YB}	255, 205, 241
Decimal	16764401
CIE _{Lab}	87.62, 23.38, -10.98
CIE _{LCh}	88, 25.831, 334.838
Yxy	71.2735, 0.3248, 0.2933
Android (android.graphics.Color)	4294954481 (0xFFFFCDF1)
YUV	224.0540, 8.3544, 27.1396
Hunter-Lab	84.4236, 19.1824, -6.0868

Details

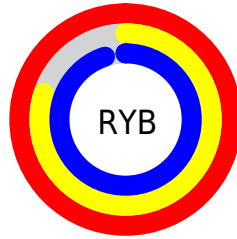
The XYZ color **78.9485, 71.2735, 92.8152** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7252, 89.6147, 80.4326**, and the grayscale version is **70.8247, 74.5131, 81.1447**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9520, 37.3212, 50.8388** is the 20% darker color. If you saturate the color by 10%, you get **72.2930, 59.6359, 85.4379**, and if you desaturate by 10%, it is **86.6430, 84.9217, 100.7470**.

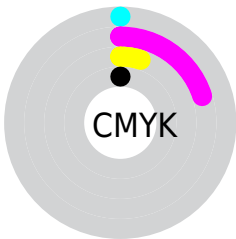
Distribution



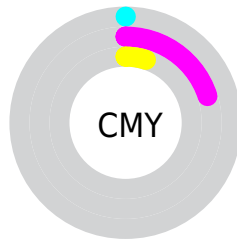
- Red (100%)
- Green (80%)
- Blue (95%)



- Red (100%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9485, 71.2735, 92.8152 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 78.9485, 71.2735, 92.8152 by changing the saturation by 10% instead.


 78.9485, 71.2735,
92.8152

 78.9485, 71.2735,
92.8152


480.1728,
465.0090, 557.9513

 59.1590, 52.5654,
69.7311


130.8447,
121.0231, 153.2122

 42.9879, 37.4560,
50.8319


163.6820,
152.8334, 191.3622

 30.0701, 25.5607,
35.6990


201.5993,
189.7798, 235.3713

 20.0402, 16.4953,
23.9140

244.9619,
232.2469, 285.6580

 12.5327, 9.8753,
15.0582

294.1352,
280.6190, 342.6408

 7.1823, 5.3164,
8.7132

349.4846,

 3.6237, 2.4341,

335.2804, 406.7382

4.4603

411.3753,
396.6156, 478.3689

■ 1.4915, 0.8433,
1.8811

■ 0.3201, 0.0000,
0.4807

■ 78.9485, 71.2735,
92.8152

■ 78.9485, 71.2735,
92.8152

■ 72.2930, 59.6359,
85.4379

■ 86.6430, 84.9217,
100.7470

■ 66.6232, 49.9038,
78.5922

95.0500, 100.0000,
108.9000

■ 61.8881, 41.9758,
72.2597

■ 58.0302, 35.7374,
66.4186

■ 54.9852, 31.0611,
61.0453

■ 52.6798, 27.8011,
56.1126

■ 51.0269, 25.7839,
51.5891

■ 49.8901, 24.7375,
47.4267

■ 49.8497, 24.7039,
47.2679

Harmonies

Analogous

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



74.6821, 71.2735, 108.6423



78.9485, 71.2735, 92.8152



80.1433, 71.2735, 74.8002

Triad

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



78.9485, 71.2735, 92.8152



66.7569, 71.2735, 48.6628



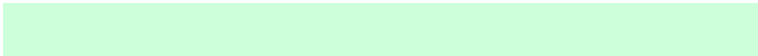
58.5468, 71.2735, 98.4666

Complementary

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



78.9485, 71.2735, 92.8152



73.7252, 89.6147, 80.4326

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.



56.6933, 71.2735, 80.4785



78.9485, 71.2735, 92.8152



61.2482, 71.2735, 53.1248

Square

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



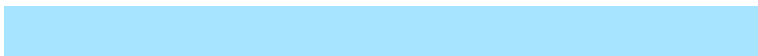
78.9485, 71.2735, 92.8152



72.8648, 71.2735, 50.9501



57.6519, 71.2735, 64.1540



62.8677, 71.2735, 112.2340

Rectangle

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



78.9485, 71.2735, 92.8152



78.9796, 71.2735, 64.3062



57.6519, 71.2735, 64.1540



57.6267, 71.2735, 92.6208

Sweetspot

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



78.9501, 71.2764, 92.8167



89.6797, 90.3508, 103.7450



68.8972, 65.8430, 103.6854



19.0751, 19.1239, 22.0883



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.



78.9501, 71.2764, 92.8167



75.8999, 65.9196, 89.5073



75.5544, 69.9181, 74.9350



18.5630, 18.2085, 21.5818



26.1144, 12.9351, 25.0509



2.5893, 1.2781, 2.6846

Inverse Universe

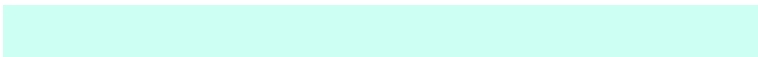
The Inverse Universe completely reimagines the original color for something new.



78.9501, 71.2764, 92.8167



75.8999, 65.9196, 89.5073



77.1667, 90.9913, 98.5552



18.5630, 18.2085, 21.5818



26.1144, 12.9351, 25.0509



2.5893, 1.2781, 2.6846

Previews

White Background



This preview shows how the XYZ color 78.9485, 71.2735, 92.8152 looks on a white background.

Color Contrast Check

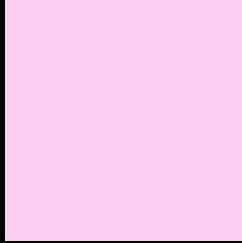
Large Text (above 18pt) WCAG AA × Fail

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 78.9485, 71.2735, 92.8152 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 78.9485, 71.2735, 92.8152

Background



This preview shows how black text looks on a background with the XYZ color 78.9485, 71.2735, 92.8152.



This preview shows how white text looks on a background with the XYZ color 78.9485, 71.2735,

92.8152.

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

78.9485, 71.2735, 92.8152

Protanopia

70.1946, 71.4294, 99.7101

Deuteranopia

72.9053, 71.4809, 91.6160



Tritanopia

76.5184, 71.3762, 80.2650

Trichromacy



Original Color

78.9485, 71.2735, 92.8152

Protanomaly

73.0619, 71.0653, 97.0550

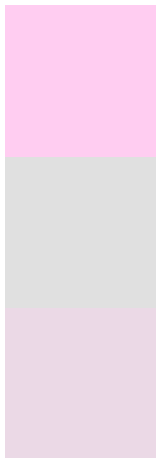
Deuteranomaly

74.9576, 71.4051, 92.2699

Tritanomaly

77.4688, 71.4096, 84.5633

Monochromacy



Original Color

78.9485, 71.2735, 92.8152

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.3567, 73.0010, 85.0872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9485, 71.2735, 92.8152 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, 205, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 241)  
}
```

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, 205, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.9485, 71.2735, 92.8152 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, 205, 241) }
```


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

```
.border{ border-color:rgb(255, 205, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9485, 71.2735, 92.8152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 241) }
```

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

```
.background{ background-color: rgb(255,  
205, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor