

Converting Colors

XYZ(79.9070, 72.3812,
101.3642)

Have a look what the booklet for
XYZ(79.9070, 72.3812, 101.3642)
contains.

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Color

**XYZ(79.8703, 72.2861,
101.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFFB
RGB	252, 207, 251
RGB Percent	99%, 81%, 98%
CMY	0.0118, 0.1882, 0.0157
CMYK	0.00, 0.18, 0.00, 0.01
HSL	301°, 88%, 90%
HSV	301°, 18%, 99%
XYZ	79.8703, 72.2861, 101.0098
YIQ	225.4710, 12.6960, 23.2240

Conversions

Conversions Part 2

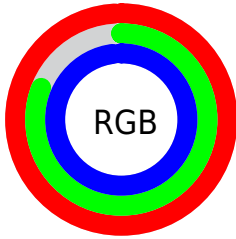
Format	Color
R_{YB}	252, 207, 251
Decimal	16568315
CIE _{Lab}	88.11, 23.10, -15.57
CIE _{LCh}	88, 27.852, 326.024
Yxy	72.2861, 0.3155, 0.2855
Android (android.graphics.Color)	4294758395 (0xFFFCFFB)
YUV	225.4710, 12.5858, 23.2659
Hunter-Lab	85.0212, 18.8986, -10.9248

Details

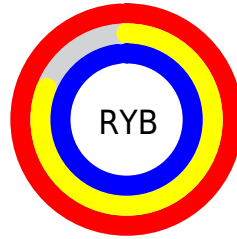
The XYZ color **79.8703, 72.2861, 101.0098** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9305, 87.4424, 72.7653**, and the grayscale version is **71.8146, 75.5545, 82.2789**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4715, 37.9536, 56.0735** is the 20% darker color. If you saturate the color by 10%, you get **74.1582, 61.0019, 98.6715**, and if you desaturate by 10%, it is **86.5613, 85.5254, 103.6774**.

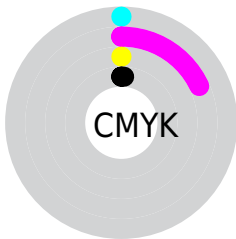
Distribution



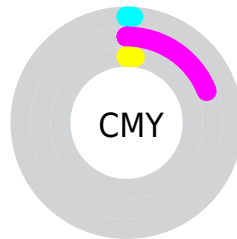
- Red (99%)
- Green (81%)
- Blue (98%)



- Red (99%)
- Yellow (81%)
- Blue (98%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8703, 72.2861, 101.0098 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 79.8703, 72.2861, 101.0098 by changing the saturation by 10% instead.

79.8703, 72.2861,
101.0098

79.8703, 72.2861,
101.0098

483.2388,
468.5368, 584.6997

59.9197, 53.3924,
76.5226

132.1348,
122.4632, 164.6081

43.6031, 38.1161,
56.3519

165.1795,
154.5154, 204.5563

30.5552, 26.0728,
40.0792

203.3196,
191.7226, 250.4952

20.4106, 16.8781,
27.2861

246.9205,
234.4691, 302.8434

12.8038, 10.1476,
17.5539

296.3475,
283.1394, 362.0194

7.3697, 5.4970,
10.4640

351.9660,

3.7427, 2.5417,

338.1179, 428.4418

5.5981

414.1413,
399.7889, 502.5290

■ 1.5576, 0.8974,
2.5375

■ 0.3646, 0.0000,
0.8599

■ 79.8703, 72.2861,
101.0098

■ 79.8703, 72.2861,
101.0098

■ 74.1582, 61.0019,
98.6715

■ 86.5613, 85.5254,
103.6774

■ 69.3724, 51.5710,
96.6424

■ 93.4955, 99.2518,
106.4265

■ 65.4652, 43.8970,
94.9074

■ 93.5845, 99.2874,
106.8952

■ 62.3822, 37.8707,
93.4485

■ 93.6738, 99.3231,
107.3652

■ 60.0626, 33.3711, 93.7633, 99.3589,
92.2453 107.8366

■ 58.4376, 30.2602, 93.8531, 99.3948,
91.2749 108.3094

■ 57.4260, 28.3755, 93.9431, 99.4308,
90.5103 108.7836

■ 56.9185, 27.4988, 93.9555, 99.4358,
89.9150 108.8488

■ 56.8414, 27.3741,
89.7981

Harmonies

Analogous

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



74.4730, 72.2861, 116.4358



79.8703, 72.2861, 101.0098



82.2748, 72.2861, 81.2753

Triad

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



79.8703, 72.2861, 101.0098



69.5967, 72.2861, 47.5224



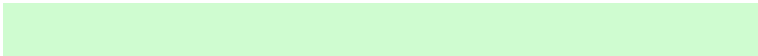
57.8389, 72.2861, 95.9017

Complementary

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



79.8703, 72.2861, 101.0098



71.9305, 87.4424, 72.7653

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.



56.7172, 72.2861, 76.1939



79.8703, 72.2861, 101.0098



63.2442, 72.2861, 50.1605

Square

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



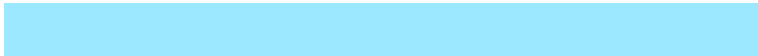
79.8703, 72.2861, 101.0098



76.1061, 72.2861, 52.0656



58.6334, 72.2861, 59.9559



61.8014, 72.2861, 113.1683

Rectangle

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



79.8703, 72.2861, 101.0098



81.7501, 72.2861, 69.0205



58.6334, 72.2861, 59.9559



57.1285, 72.2861, 89.2604

Sweetspot

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



79.8725, 72.2892, 101.0114



91.0710, 92.1149, 107.3487



65.8289, 65.0312, 101.1796



19.3778, 19.4883, 22.9319



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.



79.8725, 72.2892, 101.0114



80.0906, 70.3870, 102.9708



76.5682, 70.9675, 83.6111



17.9754, 17.5175, 21.7262



29.6167, 14.2624, 46.8172



2.7482, 1.3230, 4.3633

Inverse Universe

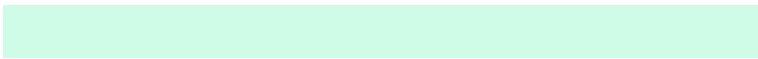
The Inverse Universe completely reimagines the original color for something new.



79.8725, 72.2892, 101.0114



80.0906, 70.3870, 102.9708



74.8632, 88.6155, 88.2086



17.9754, 17.5175, 21.7262



29.6167, 14.2624, 46.8172



2.7482, 1.3230, 4.3633

Previews

White Background



This preview shows how the XYZ color 79.8703, 72.2861, 101.0098 looks on a white background.

Color Contrast Check

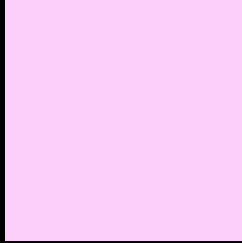
Large Text (above 18pt) WCAG AA × Fail

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 79.8703, 72.2861, 101.0098 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 79.8703, 72.2861, 101.0098

Background



This preview shows how black text looks on a background with the XYZ color 79.8703, 72.2861, 101.0098.



This preview shows how white text looks on a background with the XYZ color 79.8703, 72.2861,

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

79.8703, 72.2861, 101.0098

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.0324, 72.2634, 99.6688



Tritanopia

76.3648, 72.3297, 83.3350

Trichromacy



Original Color

79.8703, 72.2861, 101.0098

Protanomaly

74.1847, 72.2506, 103.8017

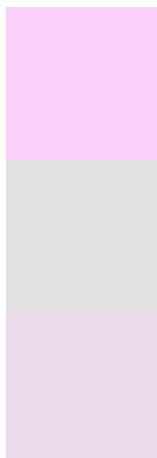
Deuteranomaly

76.0587, 72.1662, 100.3632

Tritanomaly

77.6113, 72.4733, 89.2551

Monochromacy



Original Color

79.8703, 72.2861, 101.0098

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

74.1836, 73.7455, 88.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8703, 72.2861, 101.0098 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(252, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 251)  
}
```

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(252, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.8703, 72.2861, 101.0098 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(252, 207, 251) }
```


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

```
.border{ border-color:rgb(252, 207, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8703, 72.2861, 101.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 251) }
```

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

```
.background{ background-color: rgb(252,  
207, 251) }
```

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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