

Converting Colors

XYZ(105.9443, 83.6679,
103.7196)

Have a look what the booklet for
XYZ(105.9443, 83.6679, 103.7196)
contains.

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Color

**XYZ(79.8563, 70.1251,
102.2551)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9FD
RGB	255, 201, 253
RGB Percent	100%, 79%, 99%
CMY	0.0000, 0.2117, 0.0078
CMYK	0.00, 0.21, 0.01, 0.00
HSL	302°, 100%, 89%
HSV	302°, 21%, 100%
XYZ	79.8563, 70.1251, 102.2551
YIQ	223.0740, 15.4920, 27.6200

Conversions

Conversions Part 2

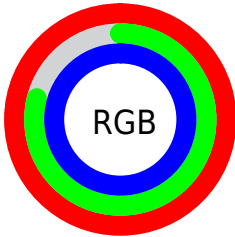
Format	Color
R _Y B	255, 201, 253
Decimal	16763389
CIE Lab	87.06, 27.59, -18.17
CIE LCh	87, 33.033, 326.628
Yxy	70.1251, 0.3166, 0.2780
Android (android.graphics.Color)	4294953469 (0xFFFFC9FD)
YUV	223.0740, 14.7535, 27.9991
Hunter-Lab	83.7407, 23.6737, -13.7800

Details

The XYZ color **79.8563, 70.1251, 102.2551** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6289, 88.2503, 69.8141**, and the grayscale version is **70.0840, 73.7338, 80.2962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6862, 36.8587, 57.0365** is the 20% darker color. If you saturate the color by 10%, you get **74.2483, 59.1490, 99.6466**, and if you desaturate by 10%, it is **86.4547, 83.0803, 105.1994**.

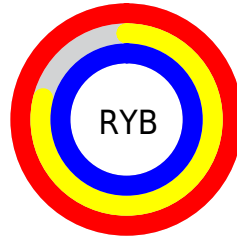
Distribution



Red (100%)

Green (79%)

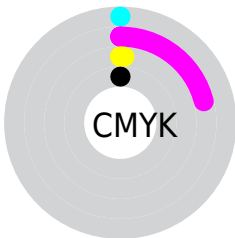
Blue (99%)



Red (100%)

Yellow (79%)

Blue (99%)

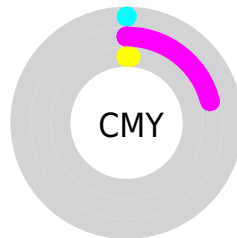


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8563, 70.1251, 102.2551 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 79.8563, 70.1251, 102.2551 by changing the saturation by 10% instead.

 79.8563, 70.1251,
102.2551

 79.8563, 70.1251,
102.2551


483.1923,
460.9891, 588.7071

 59.9082, 51.6285,
77.5579


132.1153,
119.3871, 166.3316

 43.5938, 36.7091,
57.1965

165.1568,
150.9214, 206.5479

 30.5478, 24.9823,
40.7526


203.2935,
187.5703, 252.7744

 20.4049, 16.0639,
27.8076

246.8908,
229.7184, 305.4295

 12.7997, 9.5694,
17.9429

296.3140,
277.7499, 364.9317

 7.3668, 5.1144,
10.7400

351.9284,

 3.7409, 2.3145,

332.0492, 431.6997

5.7803

414.0994,
393.0008, 506.1520

■ 1.5566, 0.7814,
2.6453

■ 0.3639, 0.0000,
0.9157

■ 79.8563, 70.1251,
102.2551

■ 79.8563, 70.1251,
102.2551

■ 74.2483, 59.1490,
99.6466

■ 86.4547, 83.0803,
105.1994

■ 69.5777, 50.0467,
97.3532

■ 94.0843, 98.0972,
108.4901

■ 65.7931, 42.7151,
95.3589

95.0500, 100.0000,
108.9000

■ 62.8364, 37.0384,
93.6442

■ 60.6429, 32.8866,
92.1875

■ 59.1378, 30.1106,
90.9639

■ 58.2317, 28.5313,
89.9436

■ 57.8071, 27.8868,
89.1712

Harmonies

Analogous

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



73.5407, 70.1251, 121.0978



79.8563, 70.1251, 102.2551



82.6242, 70.1251, 78.8862

Triad

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



79.8563, 70.1251, 102.2551



67.5301, 70.1251, 41.2454



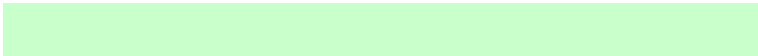
54.2239, 70.1251, 97.0749

Complementary

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



79.8563, 70.1251, 102.2551



70.6289, 88.2503, 69.8141

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.



52.8831, 70.1251, 73.8772



79.8563, 70.1251, 102.2551



60.2071, 70.1251, 44.2631

Square

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



79.8563, 70.1251, 102.2551



75.1698, 70.1251, 46.0272



54.9896, 70.1251, 55.2441



58.8029, 70.1251, 117.7237

Rectangle

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



79.8563, 70.1251, 102.2551



81.9382, 70.1251, 64.8052



54.9896, 70.1251, 55.2441



53.3957, 70.1251, 89.2000

Sweetspot

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



79.8578, 70.1278, 102.2566



90.2708, 90.5873, 106.8577



63.5136, 61.6651, 103.1628



19.2152, 19.1800, 22.8260



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.



79.8578, 70.1278, 102.2566



77.5977, 65.6997, 101.2196



75.8833, 68.5380, 81.3273



18.7619, 18.2881, 22.6293



30.2184, 14.5766, 46.6619



2.9510, 1.4228, 4.5893

Inverse Universe

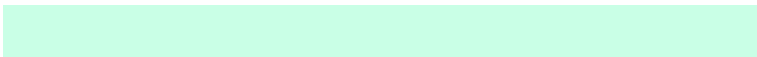
The Inverse Universe completely reimagines the original color for something new.



79.8578, 70.1278, 102.2566



77.5977, 65.6997, 101.2196



74.1041, 89.6404, 88.1143



18.7619, 18.2881, 22.6293



30.2184, 14.5766, 46.6619



2.9510, 1.4228, 4.5893

Previews

White Background



This preview shows how the XYZ color 79.8563, 70.1251, 102.2551 looks on a white background.

Color Contrast Check

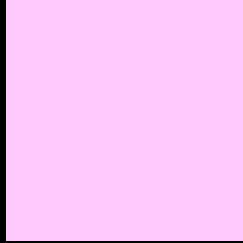
Large Text (above 18pt) WCAG AA × Fail

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 79.8563, 70.1251, 102.2551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

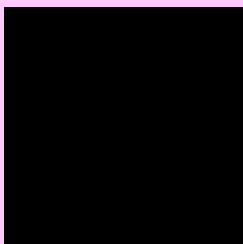
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8563, 70.1251, 102.2551

Background



This preview shows how black text looks on a background with the XYZ color 79.8563, 70.1251, 102.2551.



This preview shows how white text looks on a background with the XYZ color 79.8563, 70.1251,

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

79.8563, 70.1251, 102.2551

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

71.9473, 70.4008, 101.0635



Tritanopia

75.1743, 69.9796, 79.3573

Trichromacy



Original Color

79.8563, 70.1251, 102.2551



Protanomaly

72.5477, 69.9130, 103.4368



Deuteranomaly

74.6321, 70.2914, 101.7295



Tritanomaly

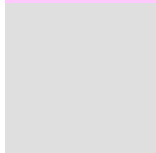
76.5890, 69.8217, 87.2822

Monochromacy



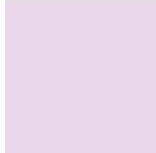
Original Color

79.8563, 70.1251, 102.2551



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.4127, 72.2036, 87.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8563, 70.1251, 102.2551 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, 201, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 253)  
}
```

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, 201, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 253) }
```

Border

The CSS property to change the border of an element to XYZ 79.8563, 70.1251, 102.2551 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, 201, 253) }
```


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

```
.border{ border-color:rgb(255, 201, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8563, 70.1251, 102.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 253) }
```

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

```
.background{ background-color: rgb(255,  
201, 253) }
```

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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