

Converting Colors

XYZ(79.0398, 69.0206,
100.3540)

Have a look what the booklet for
XYZ(79.0398, 69.0206, 100.3540)
contains.

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Color

**XYZ(79.0760, 69.0719,
100.4312)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7FB
RGB	255, 199, 251
RGB Percent	100%, 78%, 98%
CMY	0.0000, 0.2196, 0.0157
CMYK	0.00, 0.22, 0.02, 0.00
HSL	304°, 100%, 89%
HSV	304°, 22%, 100%
XYZ	79.0760, 69.0719, 100.4312
YIQ	221.6720, 16.6840, 28.0440

Conversions

Conversions Part 2

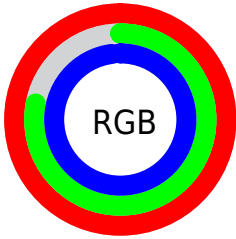
Format	Color
R _Y B	255, 199, 251
Decimal	16762875
CIE Lab	86.54, 28.28, -17.89
CIE LCh	87, 33.465, 327.678
Yxy	69.0719, 0.3181, 0.2779
Android (android.graphics.Color)	4294952955 (0xFFFFC7FB)
YUV	221.6720, 14.4587, 29.2287
Hunter-Lab	83.1095, 24.3953, -13.4706

Details

The XYZ color **79.0760, 69.0719, 100.4312** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0948, 87.9749, 69.7893**, and the grayscale version is **69.0944, 72.6927, 79.1623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1517, 36.1516, 55.7426** is the 20% darker color. If you saturate the color by 10%, you get **73.4077, 58.1923, 97.1331**, and if you desaturate by 10%, it is **85.7331, 81.9241, 104.0744**.

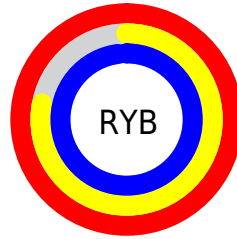
Distribution



Red (100%)

Green (78%)

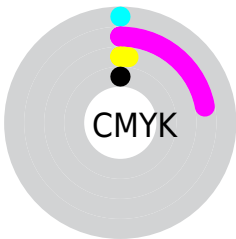
Blue (98%)



Red (100%)

Yellow (78%)

Blue (98%)

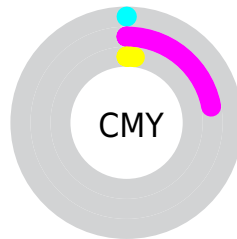


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0760, 69.0719, 100.4312 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 79.0760, 69.0719, 100.4312 by changing the saturation by 10% instead.


 79.0760, 69.0719,
100.4312

 79.0760, 69.0719,
100.4312


480.5975,
457.2845, 582.8327

 59.2641, 50.7703,
76.0418


131.0232,
117.8843, 163.8067

 43.0730, 36.0258,
55.9599


163.8893,
149.1638, 203.6298

 30.1371, 24.4541,
39.7670


201.8375,
185.5381, 249.4346

 20.0913, 15.6708,
27.0445

245.2331,
227.3915, 301.6397

 12.5701, 9.2915,
17.3739

294.4416,
275.1084, 360.6635

 7.2081, 4.9318,
10.3367

349.8282,

 3.6401, 2.2073,

329.0733, 426.9245

5.5142

411.7584,
389.6706, 500.8415

■ 1.5006, 0.7240,
2.4881

■ 0.3262, 0.0000,
0.8338

■ 79.0760, 69.0719,
100.4312

■ 79.0760, 69.0719,
100.4312

■ 73.4077, 58.1923,
97.1331

■ 85.7331, 81.9241,
104.0744

■ 68.6748, 49.1792,
94.1594

■ 93.4200, 96.8319,
108.0737

■ 64.8255, 41.9291,
91.4938

95.0500, 100.0000,
108.9000

■ 61.8014, 36.3249,
89.1168

■ 59.5369, 32.2356,
87.0065

■ 57.9565, 29.5102,
85.1376

■ 56.9691, 27.9663,
83.4798

■ 56.4953, 27.3621,
82.2631

Harmonies

Analogous

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



72.8241, 69.0719, 119.7222



79.0760, 69.0719, 100.4312



81.7064, 69.0719, 76.9510

Triad

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



79.0760, 69.0719, 100.4312



66.2568, 69.0719, 40.0970



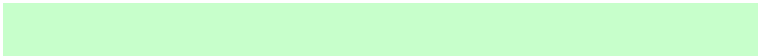
53.3106, 69.0719, 96.8408

Complementary

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



79.0760, 69.0719, 100.4312



70.0948, 87.9749, 69.7893

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.



51.8496, 69.0719, 73.4906



79.0760, 69.0719, 100.4312



58.9647, 69.0719, 43.3725

Square

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



79.0760, 69.0719, 100.4312



73.9511, 69.0719, 44.5823



53.8381, 69.0719, 54.6060



57.9960, 69.0719, 117.3788

Rectangle

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



79.0760, 69.0719, 100.4312



80.9084, 69.0719, 62.9697



53.8381, 69.0719, 54.6060



52.4430, 69.0719, 88.9363

Sweetspot

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



79.0775, 69.0746, 100.4327



89.4130, 89.0534, 106.0119



63.0323, 60.7294, 103.0075



19.0392, 18.8695, 22.6394



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.



79.0775, 69.0746, 100.4327



76.6701, 64.4450, 99.0588



75.0205, 67.4518, 79.0685



18.7334, 18.2767, 22.4791



29.5437, 14.3068, 43.1093



2.8927, 1.3994, 4.2822

Inverse Universe

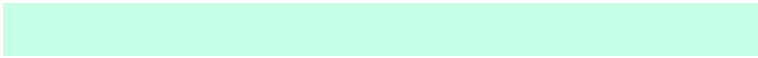
The Inverse Universe completely reimagines the original color for something new.



79.0775, 69.0746, 100.4327



76.6701, 64.4450, 99.0588



73.7012, 89.4175, 88.7807



18.7334, 18.2767, 22.4791



29.5437, 14.3068, 43.1093



2.8927, 1.3994, 4.2822

Previews

White Background



This preview shows how the XYZ color 79.0760, 69.0719, 100.4312 looks on a white background.

Color Contrast Check

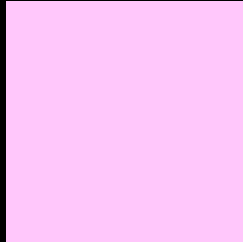
Large Text (above 18pt) WCAG AA × Fail

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 79.0760, 69.0719, 100.4312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

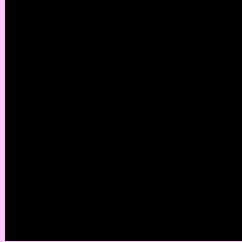
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0760, 69.0719, 100.4312

Background



This preview shows how black text looks on a background with the XYZ color 79.0760, 69.0719, 100.4312.



This preview shows how white text looks on a background with the XYZ color 79.0760, 69.0719,

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

79.0760, 69.0719, 100.4312

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.8246, 69.1161, 99.2304



Tritanopia

74.2948, 68.8623, 77.0861

Trichromacy



Original Color

79.0760, 69.0719, 100.4312



Protanomaly

71.7412, 68.7642, 103.2576



Deuteranomaly

73.8291, 69.1899, 99.9063



Tritanomaly

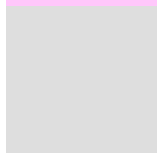
75.6892, 68.7060, 84.8736

Monochromacy



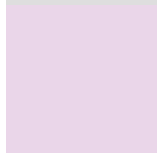
Original Color

79.0760, 69.0719, 100.4312



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.6862, 71.4688, 87.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0760, 69.0719, 100.4312 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, 199, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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(255, 199, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.0760, 69.0719, 100.4312 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, 199, 251) }
```


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

```
.border{ border-color:rgb(255, 199, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0760, 69.0719, 100.4312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 251) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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