

Converting Colors

XYZ(82.8610, 76.1784,
103.1217)

Have a look what the booklet for
XYZ(82.8610, 76.1784, 103.1217)
contains.

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Color

**XYZ(82.7639, 75.9403,
103.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5FD
RGB	255, 213, 253
RGB Percent	100%, 84%, 99%
CMY	0.0000, 0.1647, 0.0078
CMYK	0.00, 0.16, 0.01, 0.00
HSL	303°, 100%, 92%
HSV	303°, 16%, 100%
XYZ	82.7639, 75.9403, 103.2243
YIQ	230.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

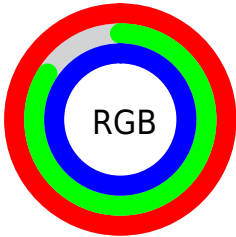
Format	Color
R _Y B	255, 213, 253
Decimal	16766461
CIE _{Lab}	89.83, 21.29, -14.01
CIE _{LCh}	90, 25.483, 326.662
Yxy	75.9403, 0.3160, 0.2899
Android (android.graphics.Color)	4294956541 (0xFFFFD5FD)
YUV	230.1180, 11.2808, 21.8215
Hunter-Lab	87.1437, 17.0271, -9.2301

Details

The XYZ color **82.7639, 75.9403, 103.2243** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.4685, 90.5735, 77.7977**, and the grayscale version is **75.2154, 79.1325, 86.1753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4794, 40.4450, 57.6342** is the 20% darker color. If you saturate the color by 10%, you get **76.6548, 64.0304, 100.2381**, and if you desaturate by 10%, it is **89.8858, 89.8735, 106.5563**.

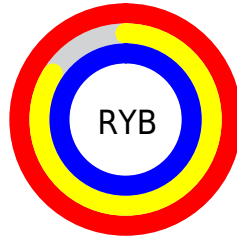
Distribution



Red (100%)

Green (84%)

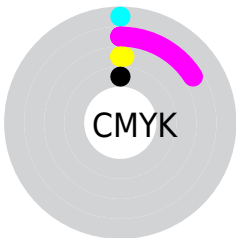
Blue (99%)



Red (100%)

Yellow (84%)

Blue (99%)

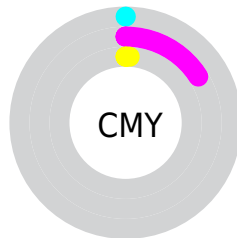


Cyan (0%)

Magenta (16%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7639, 75.9403, 103.2243 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 82.7639, 75.9403, 103.2243 by changing the saturation by 10% instead.


 82.7639, 75.9403,
103.2243

 82.7639, 75.9403,
103.2243


492.7952,
481.1433, 591.8161

 62.3117, 56.3836,
78.3642


136.1750,
127.6425, 167.6715

 45.5411, 40.5105,
57.8550


169.8645,
160.5568, 208.0956

 32.0870, 27.9368,
41.2781


208.6972,
198.6923, 254.5448

 21.5838, 18.2780,
28.2151

253.0384,
242.4336, 307.4377

 13.6663, 11.1498,
18.2474

303.2534,
292.1649, 367.1927

 7.9691, 6.1677,
10.9565

359.7076,

 4.1268, 2.9473,

348.2707, 434.2284

5.9238

422.7664,
411.1354, 508.9634

■ 1.7741, 1.1043,
2.7308

■ 0.5020, 0.0000,
0.9589

■ 82.7639, 75.9403,
103.2243

■ 82.7639, 75.9403,
103.2243

■ 76.6548, 64.0304,
100.2381

■ 89.8858, 89.8735,
106.5563

■ 71.5068, 54.0408,
97.5772

95.0500, 100.0000,
108.9000

■ 67.2707, 45.8731,
95.2264

■ 63.8911, 39.4165,
93.1670

■ 61.3066, 34.5482,
91.3788

■ 59.4477, 31.1289,
89.8384

■ 58.2326, 28.9956,
88.5186

■ 57.5596, 27.9442,
87.3855

■ 57.3970, 27.7228,
87.0118

Harmonies

Analogous

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



77.7442, 75.9403, 117.6709



82.7639, 75.9403, 103.2243



84.9410, 75.9403, 84.7199

Triad

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



82.7639, 75.9403, 103.2243



72.8857, 75.9403, 52.6991



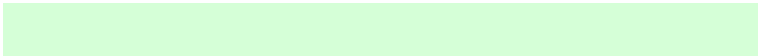
61.8994, 75.9403, 99.2259

Complementary

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



82.7639, 75.9403, 103.2243



75.4685, 90.5735, 77.7977

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.



60.7639, 75.9403, 80.6851



82.7639, 75.9403, 103.2243



66.8859, 75.9403, 55.4294

Square

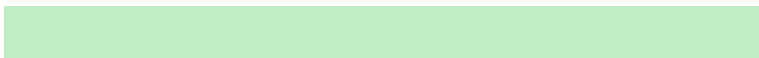
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7639, 75.9403, 103.2243



79.0332, 75.9403, 56.9890



62.5374, 75.9403, 65.0706



65.7330, 75.9403, 115.1370

Rectangle

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



82.7639, 75.9403, 103.2243



84.3989, 75.9403, 73.1455



62.5374, 75.9403, 65.0706



61.1995, 75.9403, 93.0221

Sweetspot

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



82.7655, 75.9433, 103.2259



91.0190, 92.0942, 107.0751



69.6957, 69.1685, 104.2852



19.3651, 19.4833, 22.8651



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.



82.7655, 75.9433, 103.2259



80.4945, 71.5104, 102.1324



79.6870, 74.7119, 87.0146



18.7531, 18.2846, 22.5831



30.0076, 14.4923, 45.5517



2.9328, 1.4155, 4.4935

Inverse Universe

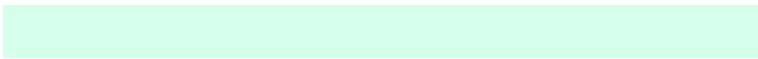
The Inverse Universe completely reimagines the original color for something new.



82.7655, 75.9433, 103.2259



80.4945, 71.5104, 102.1324



78.2559, 91.6884, 92.4757



18.7531, 18.2846, 22.5831



30.0076, 14.4923, 45.5517



2.9328, 1.4155, 4.4935

Previews

White Background



This preview shows how the XYZ color 82.7639, 75.9403, 103.2243 looks on a white background.

Color Contrast Check

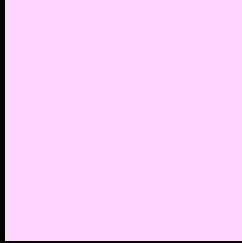
Large Text (above 18pt) WCAG AA × Fail

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 82.7639, 75.9403, 103.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

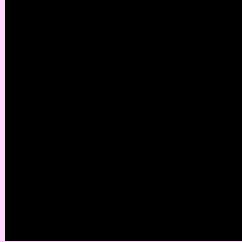
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7639, 75.9403, 103.2243

Background



This preview shows how black text looks on a background with the XYZ color 82.7639, 75.9403, 103.2243.

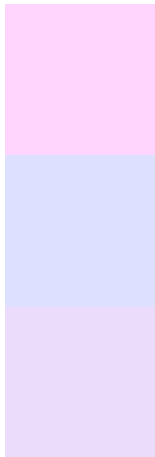


This preview shows how white text looks on a background with the XYZ color 82.7639, 75.9403,

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

82.7639, 75.9403, 103.2243

Protanopia

74.7940, 76.4426, 105.4206

Deuteranopia

77.7560, 76.0475, 102.6759



Tritanopia

79.4087, 75.6904, 87.5152

Trichromacy



Original Color

82.7639, 75.9403, 103.2243

Protanomaly

77.3501, 76.1923, 104.3957

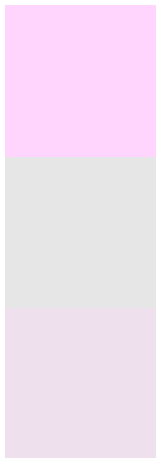
Deuteranomaly

79.3457, 75.7087, 102.5267

Tritanomaly

80.5366, 75.7748, 92.8193

Monochromacy



Original Color

82.7639, 75.9403, 103.2243

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.6849, 77.8351, 91.8182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7639, 75.9403, 103.2243 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, 213, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 253) }
```

Border

The CSS property to change the border of an element to XYZ 82.7639, 75.9403, 103.2243 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, 213, 253) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7639, 75.9403, 103.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 253) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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