

Converting Colors

XYZ(98.8726, 83.1002,
103.0871)

Have a look what the booklet for
XYZ(98.8726, 83.1002, 103.0871)
contains.

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Color

**XYZ(81.8573, 74.3815,
102.1382)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2FC
RGB	255, 210, 252
RGB Percent	100%, 82%, 99%
CMY	0.0000, 0.1764, 0.0118
CMYK	0.00, 0.18, 0.01, 0.00
HSL	304°, 100%, 91%
HSV	304°, 18%, 100%
XYZ	81.8573, 74.3815, 102.1382
YIQ	228.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

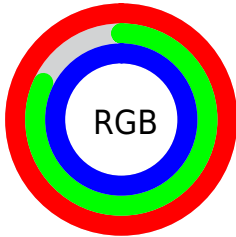
Format	Color
R _Y B	255, 210, 252
Decimal	16765692
CIE Lab	89.10, 22.68, -14.57
CIE LCh	89, 26.960, 327.285
Yxy	74.3815, 0.3168, 0.2879
Android (android.graphics.Color)	4294955772 (0xFFFFD2FC)
YUV	228.2430, 11.7122, 23.4659
Hunter-Lab	86.2447, 18.4912, -9.8449

Details

The XYZ color **81.8573, 74.3815, 102.1382** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.3508, 90.0268, 76.4120**, and the grayscale version is **73.8323, 77.6773, 84.5906**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8604, 39.3886, 56.8681** is the 20% darker color. If you saturate the color by 10%, you get **75.7885, 62.6726, 98.7934**, and if you desaturate by 10%, it is **88.9349, 88.1033, 105.8332**.

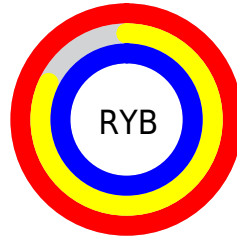
Distribution



Red (100%)

Green (82%)

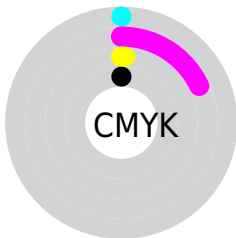
Blue (99%)



Red (100%)

Yellow (82%)

Blue (99%)

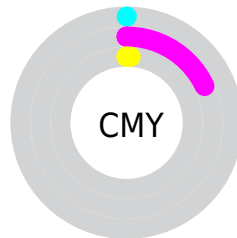


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8573, 74.3815, 102.1382 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 81.8573, 74.3815, 102.1382 by changing the saturation by 10% instead.


 81.8573, 74.3815,
102.1382

 81.8573, 74.3815,
102.1382

489.8120,
475.7890, 588.3315

 61.5616, 55.1063,
77.4606


134.9107,
125.4365, 166.1699

 44.9328, 39.4869,
57.1172


168.3992,
157.9851, 206.3611

 31.6056, 27.1387,
40.6893


207.0160,
195.7269, 252.5606

 21.2145, 17.6774,
27.7586

251.1264,
239.0464, 305.1870

 13.3942, 10.7186,
17.9063

301.0959,
288.3280, 364.6587

 7.7794, 5.8780,
10.7140

357.2897,

 4.0048, 2.7710,

343.9560, 431.3943

5.7631

420.0733,
406.3149, 505.8124

■ 1.7048, 1.0134,
2.6351

■ 0.4593, 0.0000,
0.9105

■ 81.8573, 74.3815,
102.1382

■ 81.8573, 74.3815,
102.1382

■ 75.7885, 62.6726,
98.7934

■ 88.9349, 88.1033,
105.8332

■ 70.6761, 52.8731,
95.7782

95.0500, 100.0000,
108.9000

■ 66.4705, 44.8833,
93.0772

■ 63.1157, 38.5914,
90.6715

■ 60.5495, 33.8727,
88.5404

■ 58.7011, 30.5859,
86.6604

■ 57.4871, 28.5641,
85.0035

■ 56.7975, 27.5873,
83.5330

■ 56.6734, 27.4334,
83.2012

Harmonies

Analogous

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



76.6425, 74.3815, 117.5492



81.8573, 74.3815, 102.1382



84.0690, 74.3815, 82.7134

Triad

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



81.8573, 74.3815, 102.1382



71.2970, 74.3815, 49.9821



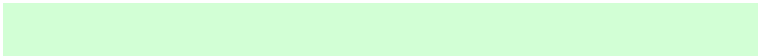
60.0629, 74.3815, 98.7148

Complementary

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



81.8573, 74.3815, 102.1382



74.3508, 90.0268, 76.4120

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.



58.8246, 74.3815, 79.2883



81.8573, 74.3815, 102.1382



65.0679, 74.3815, 52.9238

Square

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



81.8573, 74.3815, 102.1382



77.7407, 74.3815, 54.2239



60.6009, 74.3815, 62.9812



64.0929, 74.3815, 115.3675

Rectangle

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



81.8573, 74.3815, 102.1382



83.4467, 74.3815, 70.7166



60.6009, 74.3815, 62.9812



59.3176, 74.3815, 92.2105

Sweetspot

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



81.8589, 74.3844, 102.1398



90.9801, 92.0786, 106.8699



68.3232, 67.3511, 104.0068



19.3556, 19.4795, 22.8151



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.



81.8589, 74.3844, 102.1398



79.7124, 70.2357, 100.9791



78.6066, 73.0835, 85.0130



18.7373, 18.2782, 22.4999



29.6354, 14.3434, 43.5919



2.9006, 1.4026, 4.3240

Inverse Universe

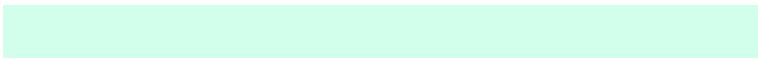
The Inverse Universe completely reimagines the original color for something new.



81.8589, 74.3844, 102.1398



79.7124, 70.2357, 100.9791



77.2997, 91.2064, 91.9405



18.7373, 18.2782, 22.4999



29.6354, 14.3434, 43.5919



2.9006, 1.4026, 4.3240

Previews

White Background



This preview shows how the XYZ color 81.8573, 74.3815, 102.1382 looks on a white background.

Color Contrast Check

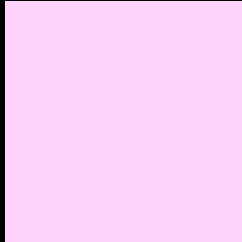
Large Text (above 18pt) WCAG AA × Fail

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 81.8573, 74.3815, 102.1382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

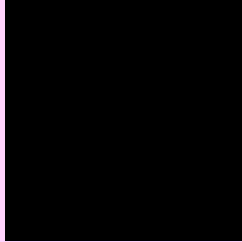
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8573, 74.3815, 102.1382

Background



This preview shows how black text looks on a background with the XYZ color 81.8573, 74.3815, 102.1382.



This preview shows how white text looks on a background with the XYZ color 81.8573, 74.3815,

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

81.8573, 74.3815, 102.1382

Protanopia

73.3511, 74.9008, 105.1990

Deuteranopia

76.2584, 74.5374, 100.8104



Tritanopia

78.4744, 74.5018, 85.1071

Trichromacy



Original Color

81.8573, 74.3815, 102.1382

Protanomaly

75.9158, 74.2875, 104.1037

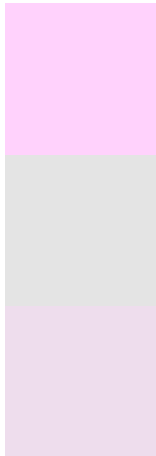
Deuteranomaly

78.3310, 74.4432, 101.5073

Tritanomaly

79.7349, 74.6442, 91.0942

Monochromacy



Original Color

81.8573, 74.3815, 102.1382

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.4024, 76.0045, 90.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8573, 74.3815, 102.1382 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, 210, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 252)  
}
```

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, 210, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 252) }
```

Border

The CSS property to change the border of an element to XYZ 81.8573, 74.3815, 102.1382 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, 210, 252) }
```


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

```
.border{ border-color:rgb(255, 210, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8573, 74.3815, 102.1382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 252) }
```

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

```
.background{ background-color: rgb(255,  
210, 252) }
```

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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