

Converting Colors

XYZ(80.9492, 78.8935,
102.2294)

Have a look what the booklet for
XYZ(80.9492, 78.8935, 102.2294)
contains.

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Color

**XYZ(81.1085, 78.9735,
102.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DFFB
RGB	244, 223, 251
RGB Percent	96%, 87%, 98%
CMY	0.0431, 0.1255, 0.0157
CMYK	0.03, 0.11, 0.00, 0.02
HSL	285°, 78%, 93%
HSV	285°, 11%, 98%
XYZ	81.1085, 78.9735, 102.2353
YIQ	232.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

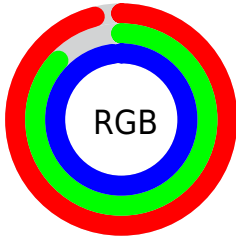
Format	Color
RYB	244, 223, 251
Decimal	16048123
CIELab	91.22, 12.09, -10.98
CIElCh	91, 16.331, 317.762
Yxy	78.9735, 0.3092, 0.3011
Android (android.graphics.Color)	4294238203 (0xFFFF4DFFB)
YUV	232.4710, 9.1348, 10.1109
Hunter-Lab	88.8670, 7.3987, -6.0021

Details

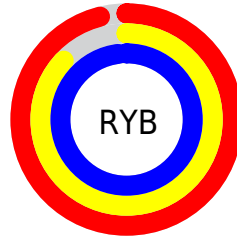
The XYZ color **81.1085, 78.9735, 102.2353** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.4525, 91.1471, 83.1689**, and the grayscale version is **76.9884, 80.9978, 88.2066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4793, 42.5917, 56.9156** is the 20% darker color. If you saturate the color by 10%, you get **72.7533, 65.4399, 100.0646**, and if you desaturate by 10%, it is **90.5366, 94.5403, 104.7443**.

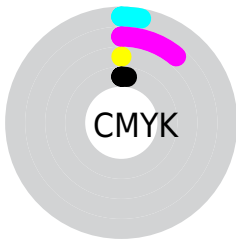
Distribution



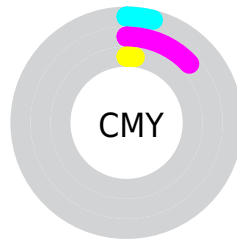
- Red (96%)
- Green (87%)
- Blue (98%)



- Red (96%)
- Yellow (87%)
- Blue (98%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)





- Cyan (4%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1085, 78.9735, 102.2353 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 81.1085, 78.9735, 102.2353 by changing the saturation by 10% instead.


 81.1085, 78.9735,
102.2353

 81.1085, 78.9735,
102.2353


487.3406,
491.4667, 588.6435

 60.9426, 58.8740,
77.5414


133.8655,
131.9216, 166.3042

 44.4312, 42.5117,
57.1831


167.1872,
165.5389, 206.5163

 31.2090, 29.5022,
40.7419


205.6249,
204.4310, 252.7382

 20.9106, 19.4610,
27.7993

249.5440,
248.9823, 305.3884

 13.1708, 12.0039,
17.9367

299.3097,
299.5771, 364.8855

 7.6241, 6.7463,
10.7356

355.2875,

 3.9051, 3.3040,

356.5998, 431.6480

5.7774

417.8426,
420.4349, 506.0945

■ 1.6486, 1.2924,
2.6436

■ 0.4238, 0.1353,
0.9148

■ 81.1085, 78.9735,
102.2353

■ 81.1085, 78.9735,
102.2353

■ 72.7533, 65.4399,
100.0646

■ 90.5366, 94.5403,
104.7443

■ 65.4197, 53.8416,
98.2124

■ 94.4128, 99.7451,
105.5446

■ 59.0624, 44.0882,
96.6649

■ 53.6300, 36.0777,
95.4050

■ 49.0658, 29.6980,
94.4142

■ 45.3067, 24.8240,
93.6715

■ 42.2803, 21.3119,
93.1531

■ 39.8996, 18.9892,
92.8303

■ 38.2123, 17.6876,
92.6680

Harmonies

Analogous

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



77.5156, 78.9735, 109.5681



81.1085, 78.9735, 102.2353



83.1099, 78.9735, 90.9105

Triad

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



81.1085, 78.9735, 102.2353



76.7614, 78.9735, 65.5853



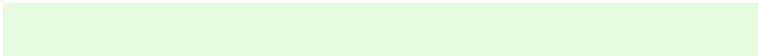
67.7362, 78.9735, 93.1296

Complementary

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



81.1085, 78.9735, 102.2353



80.4525, 91.1471, 83.1689

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.



67.5511, 78.9735, 81.2479



81.1085, 78.9735, 102.2353



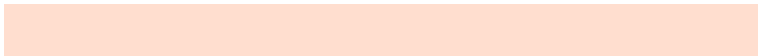
72.6606, 78.9735, 66.0609

Square

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



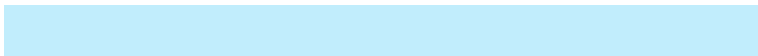
81.1085, 78.9735, 102.2353



80.5389, 78.9735, 70.1965



69.3236, 78.9735, 71.5615



69.8391, 78.9735, 103.9879

Rectangle

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



81.1085, 78.9735, 102.2353



83.2254, 78.9735, 82.9476



69.3236, 78.9735, 71.5615



67.4505, 78.9735, 89.1032

Sweetspot

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



81.1108, 78.9769, 102.2370



91.9577, 94.8548, 108.0699



76.2741, 79.5102, 102.5949



19.5096, 20.0156, 23.0851



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.



81.1108, 78.9769, 102.2370



82.3876, 79.1047, 105.5342



82.5738, 79.8480, 97.0219



17.5444, 17.2933, 21.7985



20.2260, 9.3696, 48.7160



1.9699, 0.9176, 4.5165

Inverse Universe

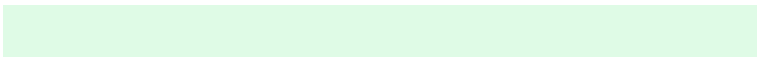
The Inverse Universe completely reimagines the original color for something new.



80.4570, 79.0013, 85.8750



81.6238, 79.1438, 85.9390



79.1489, 90.3714, 87.7950



17.4226, 17.2964, 18.8152



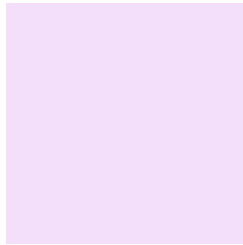
21.4286, 10.9872, 3.6997



2.0252, 1.0338, 0.5561

Previews

White Background



This preview shows how the XYZ color 81.1085, 78.9735, 102.2353 looks on a white background.

Color Contrast Check

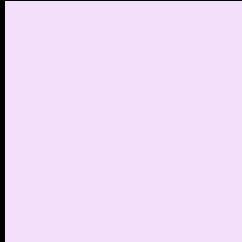
Large Text (above 18pt) WCAG AA × Fail

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 81.1085, 78.9735, 102.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

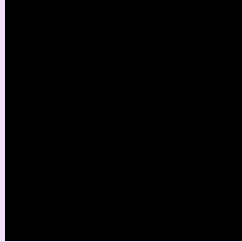
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

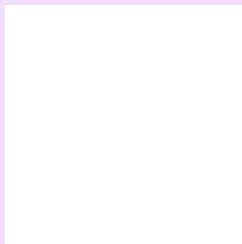
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1085, 78.9735, 102.2353

Background



This preview shows how black text looks on a background with the XYZ color 81.1085, 78.9735, 102.2353.

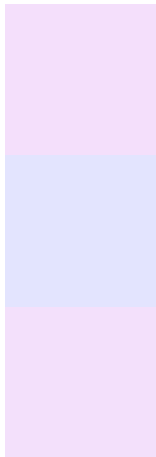


This preview shows how white text looks on a background with the XYZ color 81.1085, 78.9735,

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

81.1085, 78.9735, 102.2353

Protanopia

77.3113, 78.9735, 104.9346

Deuteranopia

81.0304, 79.3310, 102.3084



Tritanopia

79.6448, 78.7768, 95.0121

Trichromacy



Original Color

81.1085, 78.9735, 102.2353

Protanomaly

78.5303, 78.8082, 104.0010

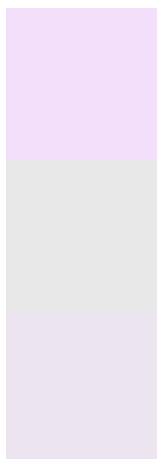
Deuteranomaly

81.0304, 79.3310, 102.3084

Tritanomaly

80.0992, 78.9586, 97.4050

Monochromacy



Original Color

81.1085, 78.9735, 102.2353

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1914, 80.1035, 93.0017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1085, 78.9735, 102.2353 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(244, 223, 251)` looks like.

```
.text, #text, p{  
    color:rgb(244, 223, 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(244, 223, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.1085, 78.9735, 102.2353 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(244, 223, 251) }
```


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

```
.border{ border-color:rgb(244, 223, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 223, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1085, 78.9735, 102.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 251) }
```

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

```
.background{ background-color: rgb(244,  
223, 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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