

Converting Colors

XYZ(81.6326, 79.6072,
103.9927)

Have a look what the booklet for
XYZ(81.6326, 79.6072, 103.9927)
contains.

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Color

**XYZ(81.6935, 79.6363,
103.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E0FD
RGB	244, 224, 253
RGB Percent	96%, 88%, 99%
CMY	0.0431, 0.1215, 0.0078
CMYK	0.04, 0.11, 0.00, 0.01
HSL	281°, 88%, 94%
HSV	281°, 11%, 99%
XYZ	81.6935, 79.6363, 103.9941
YIQ	233.2860, 2.6110, 13.2590

Conversions

Conversions Part 2

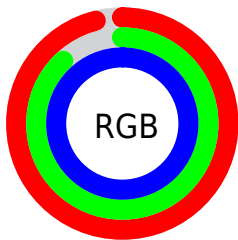
Format	Color
RYB	244, 224, 253
Decimal	16048381
CIELab	91.52, 11.94, -11.58
CIElCh	92, 16.632, 315.877
Yxy	79.6363, 0.3079, 0.3001
Android (android.graphics.Color)	4294238461 (0xFFFF4E0FD)
YUV	233.2860, 9.7190, 9.3962
Hunter-Lab	89.2392, 7.2383, -6.6257

Details

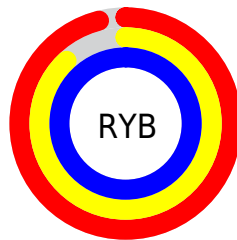
The XYZ color **81.6935, 79.6363, 103.9941** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1871, 92.9581, 84.1360**, and the grayscale version is **77.5973, 81.6383, 88.9042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8908, 43.0528, 58.1686** is the 20% darker color. If you saturate the color by 10%, you get **72.7272, 65.6618, 101.7705**, and if you desaturate by 10%, it is **91.7923, 95.7008, 106.5638**.

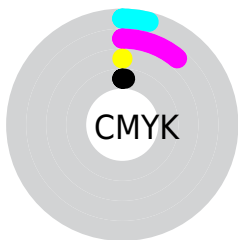
Distribution



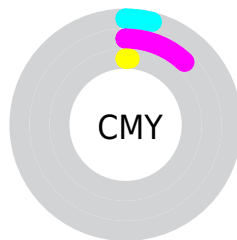
- Red (96%)
- Green (88%)
- Blue (99%)



- Red (96%)
- Yellow (88%)
- Blue (99%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6935, 79.6363, 103.9941 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 81.6935, 79.6363, 103.9941 by changing the saturation by 10% instead.

81.6935, 79.6363,
103.9941

81.6935, 79.6363,
103.9941

489.2719,
493.7063, 594.2793

61.4262, 59.4191,
79.0049

134.6822,
132.8543, 168.7348

44.8230, 42.9506,
58.3785

168.1342,
166.6238, 209.3235

31.5187, 29.8464,
41.6963

206.7119,
205.6797, 255.9490

21.1479, 19.7220,
28.5398

250.7805,
250.4061, 309.0300

13.3453, 12.1931,
18.4904

300.7055,
301.1876, 368.9850

7.7454, 6.8753,
11.1296

356.8522,

3.9829, 3.3843,

358.4086, 436.2325

6.0388

419.5858,
422.4533, 511.1911

■ 1.6924, 1.3355,
2.7995

■ 0.4515, 0.1684,
0.9932

■ 81.6935, 79.6363,
103.9941

■ 81.6935, 79.6363,
103.9941

■ 72.7272, 65.6618,
101.7705

■ 91.7923, 95.7008,
106.5638

■ 64.8403, 53.6773,
99.8730

94.7298, 99.8719,
107.2141

■ 57.9860, 43.5898,
98.2871

■ 52.1108, 35.2946,
96.9957

■ 47.1561, 28.6769,
95.9795

■ 43.0566, 23.6081,
95.2172

■ 39.7371, 19.9404,
94.6842

■ 37.1077, 17.4964,
94.3510

■ 35.2914, 16.1453,
94.1860

Harmonies

Analogous

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



77.9432, 79.6363, 111.1505



81.6935, 79.6363, 103.9941



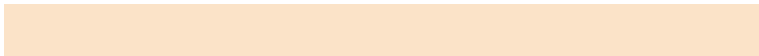
83.8726, 79.6363, 92.5305

Triad

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



81.6935, 79.6363, 103.9941



77.6977, 79.6363, 65.9901



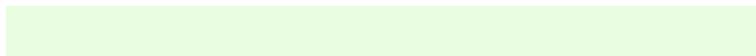
68.1214, 79.6363, 93.2529

Complementary

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



81.6935, 79.6363, 103.9941



82.1871, 92.9581, 84.1360

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.



68.0612, 79.6363, 81.1396



81.6935, 79.6363, 103.9941



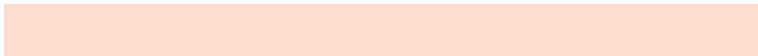
73.4844, 79.6363, 66.1443

Square

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



81.6935, 79.6363, 103.9941



81.5081, 79.6363, 71.0133



69.9917, 79.6363, 71.4563



70.1592, 79.6363, 104.5653

Rectangle

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



81.6935, 79.6363, 103.9941



84.0907, 79.6363, 84.3427



69.9917, 79.6363, 71.4563



67.8718, 79.6363, 89.1220

Sweetspot

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



81.6959, 79.6397, 103.9958



91.7897, 94.7682, 108.0620



77.6641, 81.3243, 104.5335



19.4642, 19.9922, 23.0830



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.



81.6959, 79.6397, 103.9958



80.7401, 77.2584, 105.2646



84.0602, 80.9551, 99.7468



18.2119, 18.0010, 22.7646



18.9300, 8.6693, 50.1102



1.9554, 0.9020, 4.8843

Inverse Universe

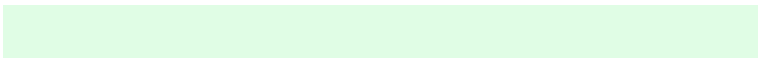
The Inverse Universe completely reimagines the original color for something new.



81.8744, 80.0808, 88.2367



80.9863, 77.8143, 85.8946



80.0558, 91.7748, 87.8593



18.2415, 18.0799, 19.8891



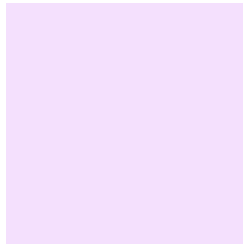
22.3476, 11.4283, 5.2148



2.2225, 1.1314, 0.7531

Previews

White Background



This preview shows how the XYZ color 81.6935, 79.6363, 103.9941 looks on a white background.

Color Contrast Check

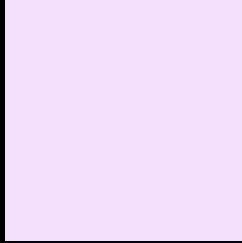
Large Text (above 18pt) WCAG AA × Fail

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 81.6935, 79.6363, 103.9941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

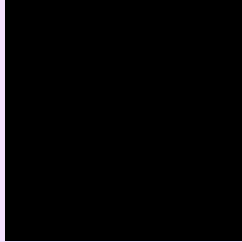
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6935, 79.6363, 103.9941

Background



This preview shows how black text looks on a background with the XYZ color 81.6935, 79.6363, 103.9941.



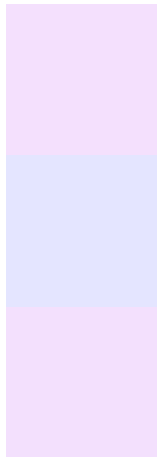
This preview shows how white text looks on a background with the XYZ color 81.6935, 79.6363,

103.9941.

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

81.6935, 79.6363, 103.9941

Protanopia

78.0642, 79.7526, 105.8871

Deuteranopia

81.3474, 79.4578, 103.9779



Tritanopia

80.3362, 79.9185, 95.9857

Trichromacy



Original Color

81.6935, 79.6363, 103.9941

Protanomaly

79.2902, 79.5864, 104.9486

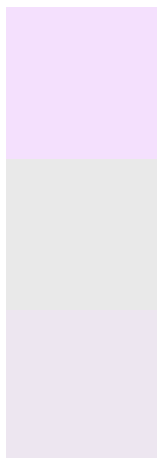
Deuteranomaly

81.3474, 79.4578, 103.9779

Tritanomaly

80.6759, 79.6205, 99.1119

Monochromacy



Original Color

81.6935, 79.6363, 103.9941

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.9500, 80.8894, 93.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6935, 79.6363, 103.9941 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, 224, 253)` looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 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(244, 224, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 253) }
```

Border

The CSS property to change the border of an element to XYZ 81.6935, 79.6363, 103.9941 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, 224, 253) }
```


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

```
.border{ border-color:rgb(244, 224, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 224, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 253);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6935, 79.6363, 103.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 253) }
```

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

```
.background{ background-color: rgb(244,  
224, 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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