

Converting Colors

XYZ(81.4098, 77.4410,
102.1488)

Have a look what the booklet for
XYZ(81.4098, 77.4410, 102.1488)
contains.

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Color

**XYZ(81.4555, 77.5845,
101.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DBFB
RGB	248, 219, 251
RGB Percent	97%, 86%, 98%
CMY	0.0274, 0.1412, 0.0157
CMYK	0.01, 0.13, 0.00, 0.02
HSL	294°, 80%, 92%
HSV	294°, 13%, 98%
XYZ	81.4555, 77.5845, 101.9489
YIQ	231.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

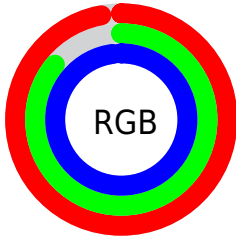
Format	Color
R _Y B	248, 219, 251
Decimal	16309243
CIE Lab	90.59, 15.49, -11.89
CIE LCh	91, 19.526, 322.505
Yxy	77.5845, 0.3121, 0.2973
Android (android.graphics.Color)	4294499323 (0xFFF8DBFB)
YUV	231.3190, 9.7027, 14.6292
Hunter-Lab	88.0821, 10.9275, -6.9666

Details

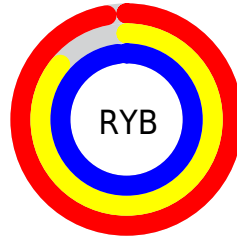
The XYZ color **81.4555, 77.5845, 101.9489** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.4103, 89.6404, 80.2441**, and the grayscale version is **76.1214, 80.0857, 87.2133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4989, 41.5223, 56.7082** is the 20% darker color. If you saturate the color by 10%, you get **74.5664, 65.0360, 99.8910**, and if you desaturate by 10%, it is **89.3470, 92.1198, 104.3397**.

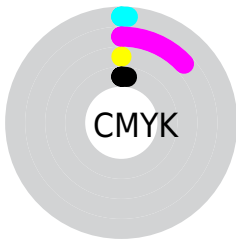
Distribution



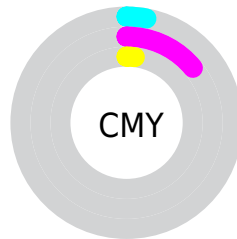
- Red (97%)
- Green (86%)
- Blue (98%)



- Red (97%)
- Yellow (86%)
- Blue (98%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)




- Cyan (3%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4555, 77.5845, 101.9489 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 81.4555, 77.5845, 101.9489 by changing the saturation by 10% instead.


 81.4555, 77.5845,
101.9489

 81.4555, 77.5845,
101.9489

488.4867,
486.7546, 587.7231

 61.2294, 57.7327,
77.3032


134.3500,
129.9642, 165.9080

 44.6636, 41.5938,
56.9887


167.7491,
163.2610, 206.0585

 31.3927, 28.7834,
40.5869


206.2698,
201.8082, 252.2144

 21.0513, 18.9170,
27.6792

250.2777,
245.9902, 304.7942

 13.2742, 11.6103,
17.8470

300.1379,
296.1915, 364.2164

 7.6959, 6.4789,
10.6719

356.2159,

 3.9512, 3.1384,

352.7963, 430.8996

5.7353

418.8771,
416.1893, 505.2623

■ 1.6745, 1.2044,
2.6186

■ 0.4403, 0.0653,
0.9020

■ 81.4555, 77.5845,
101.9489

■ 81.4555, 77.5845,
101.9489

■ 74.5664, 65.0360,
99.8910

■ 89.3470, 92.1198,
104.3397

■ 68.6288, 54.3760,
98.1464

■ 93.5746, 99.3130,
105.5053

■ 63.5974, 45.5131,
96.7009

■ 94.4128, 99.7451,
105.5446

■ 59.4208, 38.3442,
95.5373

■ 56.0421, 32.7560,
94.6367

■ 53.3977, 28.6211,
93.9780

■ 51.4140, 25.7923,
93.5365

■ 50.0019, 24.0915,
93.2826

■ 49.2398, 23.3725,
93.1840

Harmonies

Analogous

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



77.3992, 77.5845, 111.8734



81.4555, 77.5845, 101.9489



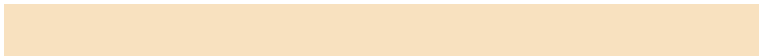
83.4615, 77.5845, 88.0376

Triad

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



81.4555, 77.5845, 101.9489



74.9750, 77.5845, 60.4938



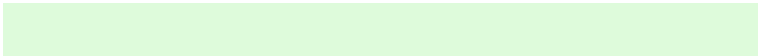
65.3925, 77.5845, 95.2073

Complementary

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



81.4555, 77.5845, 101.9489



77.4103, 89.6404, 80.2441

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.



64.8075, 77.5845, 81.0124



81.4555, 77.5845, 101.9489



70.2013, 77.5845, 61.9626

Square

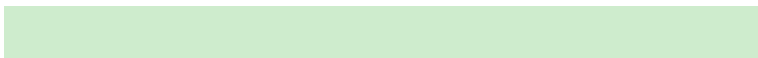
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



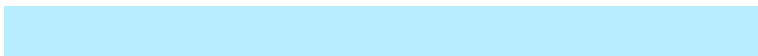
81.4555, 77.5845, 101.9489



79.6139, 77.5845, 64.8634



66.5310, 77.5845, 69.1237



68.1657, 77.5845, 107.6910

Rectangle

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



81.4555, 77.5845, 101.9489



83.3066, 77.5845, 78.7794



66.5310, 77.5845, 69.1237



64.9385, 77.5845, 90.4415

Sweetspot

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



81.4578, 77.5878, 101.9506



91.5310, 93.4829, 107.8276



72.8037, 74.3777, 101.7871



19.4539, 19.7551, 23.0377



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.



81.4578, 77.5878, 101.9506



82.7315, 77.3031, 105.1683



80.5796, 77.3604, 91.7305



17.8232, 17.4370, 21.8116



25.9494, 12.3201, 48.9839



2.4487, 1.1644, 4.5389

Inverse Universe

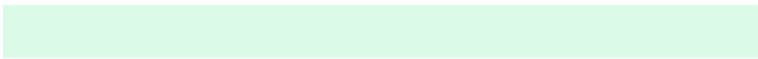
The Inverse Universe completely reimagines the original color for something new.



78.3026, 76.4496, 79.7402



78.9513, 75.9420, 78.4408



78.2503, 89.8712, 89.4206



17.3107, 17.2516, 18.2259



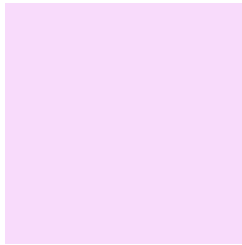
21.0186, 10.8232, 1.5404



1.9682, 1.0110, 0.2562

Previews

White Background



This preview shows how the XYZ color 81.4555, 77.5845, 101.9489 looks on a white background.

Color Contrast Check

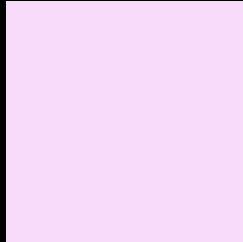
Large Text (above 18pt) WCAG AA × Fail

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 81.4555, 77.5845, 101.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

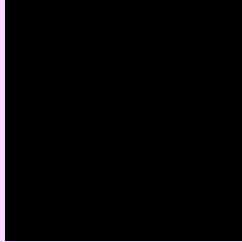
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4555, 77.5845, 101.9489

Background



This preview shows how black text looks on a background with the XYZ color 81.4555, 77.5845, 101.9489.

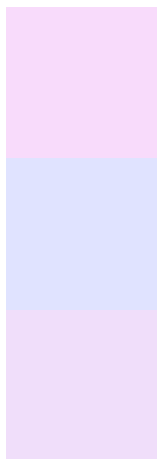


This preview shows how white text looks on a background with the XYZ color 81.4555, 77.5845,

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

81.4555, 77.5845, 101.9489

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

79.3118, 77.6699, 101.2541



Tritanopia

79.2951, 77.4788, 91.6645

Trichromacy



Original Color

81.4555, 77.5845, 101.9489

Protanomaly

78.1493, 77.7907, 104.6621

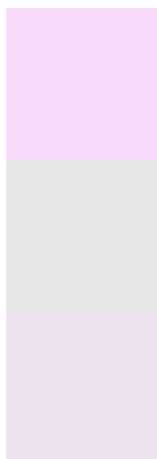
Deuteranomaly

80.0739, 77.6697, 101.2139

Tritanomaly

80.1286, 77.4316, 95.5166

Monochromacy



Original Color

81.4555, 77.5845, 101.9489

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8268, 79.1157, 92.0579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4555, 77.5845, 101.9489 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(248, 219, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 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(248, 219, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.4555, 77.5845, 101.9489 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(248, 219, 251) }
```


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

```
.border{ border-color:rgb(248, 219, 251) }
```

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

Here you see how a box with a 4 pixel rgb(248, 219, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4555, 77.5845, 101.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 251) }
```

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

```
.background{ background-color: rgb(248,  
219, 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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