

Converting Colors

XYZ(92.3359, 82.3959,
158.0203)

Have a look what the booklet for
XYZ(92.3359, 82.3959, 158.0203)
contains.

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Color

**XYZ(82.3546, 78.3629,
105.3927)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DCFF
RGB	248, 220, 255
RGB Percent	97%, 86%, 100%
CMY	0.0274, 0.1372, 0.0000
CMYK	0.03, 0.14, 0.00, 0.00
HSL	288°, 100%, 93%
HSV	288°, 14%, 100%
XYZ	82.3546, 78.3629, 105.3927
YIQ	232.3620, 5.4530, 16.8210

Conversions

Conversions Part 2

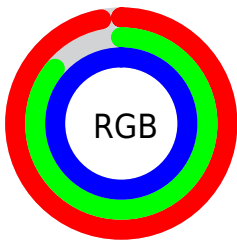
Format	Color
R _Y B	248, 220, 255
Decimal	16309503
CIE Lab	90.95, 15.70, -13.45
CIE LCh	91, 20.675, 319.413
Yxy	78.3629, 0.3095, 0.2945
Android (android.graphics.Color)	4294499583 (0xFFF8DCFF)
YUV	232.3620, 11.1605, 13.7145
Hunter-Lab	88.5228, 11.1473, -8.6230

Details

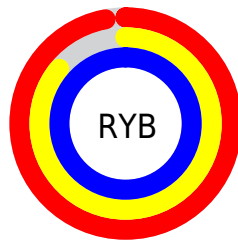
The XYZ color **82.3546, 78.3629, 105.3927** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.3588, 93.0192, 81.4333**, and the grayscale version is **76.8909, 80.8952, 88.0949**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1340, 42.0638, 59.1664** is the 20% darker color. If you saturate the color by 10%, you get **74.3829, 65.0664, 103.2464**, and if you desaturate by 10%, it is **91.4005, 93.7329, 107.8827**.

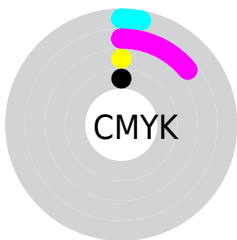
Distribution



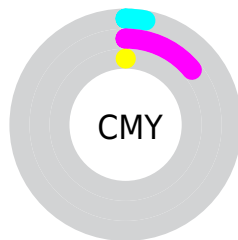
- Red (97%)
- Green (86%)
- Blue (100%)



- Red (97%)
- Yellow (86%)
- Blue (100%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3546, 78.3629, 105.3927 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 82.3546, 78.3629, 105.3927 by changing the saturation by 10% instead.

82.3546, 78.3629,
105.3927

82.3546, 78.3629,
105.3927

491.4496,
489.3984, 598.7410

61.9730, 58.3721,
80.1699

135.6044,
131.0616, 170.6647

45.2664, 42.1079,
59.3312

169.2033,
164.5383, 211.5510

31.8695, 29.1858,
42.4580

207.9386,
203.2791, 258.4956

21.4169, 19.2214,
29.1318

252.1757,
247.6684, 311.9169

13.5433, 11.8304,
18.9341

302.2801,
298.0906, 372.2336

7.8833, 6.6283,
11.4464

358.6169,

4.0715, 3.2307,

354.9300, 439.8641

6.2500

421.5516,
418.5712, 515.2271

■ 1.7427, 1.2534,
2.9264

■ 0.4828, 0.1046,
1.0572

■ 82.3546, 78.3629,
105.3927

■ 82.3546, 78.3629,
105.3927

■ 74.3829, 65.0664,
103.2464

■ 91.4005, 93.7329,
107.8827

■ 67.4327, 53.7411,
101.4267

95.0500, 100.0000,
108.9000

■ 61.4560, 44.2908,
99.9176

■ 56.3984, 36.6074,
98.7012

■ 52.1999, 30.5715,
97.7574

■ 48.7931, 26.0487,
97.0640

■ 46.0999, 22.8835,
96.5950

■ 44.0249, 20.8857,
96.3187

■ 42.9530, 20.0580,
96.2154

Harmonies

Analogous

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



77.8626, 78.3629, 115.3577



82.3546, 78.3629, 105.3927



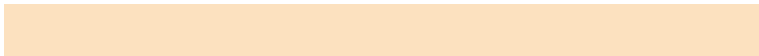
84.7736, 78.3629, 90.7065

Triad

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



82.3546, 78.3629, 105.3927



76.3381, 78.3629, 60.1060



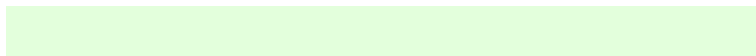
65.4237, 78.3629, 95.2238

Complementary

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



82.3546, 78.3629, 105.3927



80.3588, 93.0192, 81.4333

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.



65.0582, 78.3629, 80.1585



82.3546, 78.3629, 105.3927



71.1999, 78.3629, 61.0156

Square

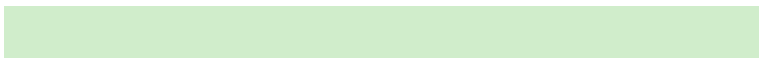
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



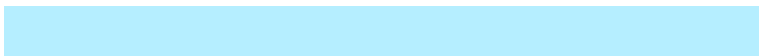
82.3546, 78.3629, 105.3927



81.1939, 78.3629, 65.3304



67.1270, 78.3629, 67.9796



68.1498, 78.3629, 109.0295

Rectangle

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



82.3546, 78.3629, 105.3927



84.8124, 78.3629, 80.7151



67.1270, 78.3629, 67.9796



65.0257, 78.3629, 90.1048

Sweetspot

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



82.3567, 78.3662, 105.3933



91.1354, 93.2790, 107.8090



75.0373, 77.3772, 105.5881



19.3534, 19.7033, 23.0330



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.



82.3567, 78.3662, 105.3933



80.4488, 75.1596, 104.8749



83.2401, 79.0116, 96.8514



18.4159, 18.1061, 22.7742



22.5690, 10.5452, 50.2805



2.2836, 1.0712, 4.8997

Inverse Universe

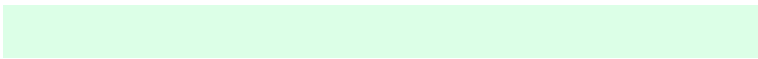
The Inverse Universe completely reimagines the original color for something new.



80.7004, 77.9957, 83.4772



78.5703, 74.7477, 79.6466



79.6308, 92.4781, 88.8876



18.1579, 18.0465, 19.4485



21.9026, 11.2503, 2.8718



2.1692, 1.1100, 0.4723

Previews

White Background



This preview shows how the XYZ color 82.3546, 78.3629, 105.3927 looks on a white background.

Color Contrast Check

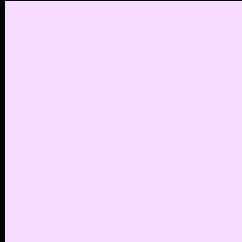
Large Text (above 18pt) WCAG AA × Fail

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 82.3546, 78.3629, 105.3927 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 82.3546, 78.3629, 105.3927

Background



This preview shows how black text looks on a background with the XYZ color 82.3546, 78.3629, 105.3927.



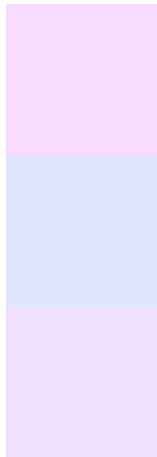
This preview shows how white text looks on a background with the XYZ color 82.3546, 78.3629,

105.3927.

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

82.3546, 78.3629, 105.3927

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.2122, 78.4564, 104.6819



Tritanopia

80.1219, 78.6595, 93.3980

Trichromacy



Original Color

82.3546, 78.3629, 105.3927

Protanomaly

78.5795, 78.3941, 105.5977

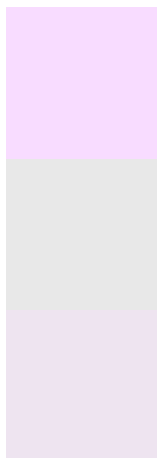
Deuteranomaly

80.9728, 78.4530, 104.6411

Tritanomaly

80.9605, 78.6093, 97.2922

Monochromacy



Original Color

82.3546, 78.3629, 105.3927

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.7315, 79.9552, 93.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3546, 78.3629, 105.3927 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, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 255)  
}
```

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, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.3546, 78.3629, 105.3927 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, 220, 255) }
```


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

```
.border{ border-color:rgb(248, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3546, 78.3629, 105.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 255) }
```

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

```
.background{ background-color: rgb(248,  
220, 255) }
```

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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