

Converting Colors

XYZ(82.3389, 76.8217,
104.9402)

Have a look what the booklet for
XYZ(82.3389, 76.8217, 104.9402)
contains.

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Color

**XYZ(82.3895, 76.8410,
105.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD8FF
RGB	251, 216, 255
RGB Percent	98%, 85%, 100%
CMY	0.0157, 0.1529, 0.0000
CMYK	0.02, 0.15, 0.00, 0.00
HSL	294°, 100%, 92%
HSV	294°, 15%, 100%
XYZ	82.3895, 76.8410, 105.0971
YIQ	230.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

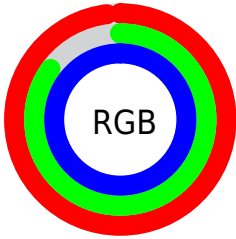
Format	Color
R _Y B	251, 216, 255
Decimal	16505087
CIE _{Lab}	90.25, 18.77, -14.47
CIE _{LCh}	90, 23.701, 322.379
Y _{xy}	76.8410, 0.3117, 0.2907
Android (android.graphics.Color)	4294695167 (0xFFFFBD8FF)
YUV	230.9110, 11.8759, 17.6181
Hunter-Lab	87.6590, 14.3665, -9.7233

Details

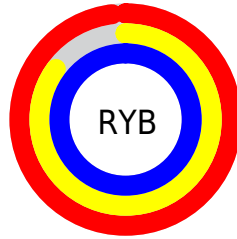
The XYZ color **82.3895, 76.8410, 105.0971** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.6719, 91.6945, 78.5747**, and the grayscale version is **75.8015, 79.7491, 86.8467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1860, 41.0363, 58.9653** is the 20% darker color. If you saturate the color by 10%, you get **75.4219, 64.2937, 103.0425**, and if you desaturate by 10%, it is **90.3880, 91.4290, 107.4913**.

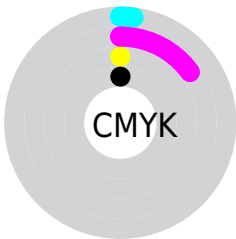
Distribution



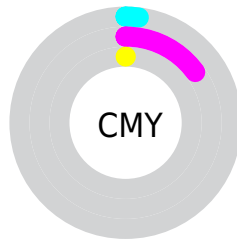
- Red (98%)
- Green (85%)
- Blue (100%)



- Red (98%)
- Yellow (85%)
- Blue (100%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3895, 76.8410, 105.0971 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 82.3895, 76.8410, 105.0971 by changing the saturation by 10% instead.

82.3895, 76.8410,
105.0971

82.3895, 76.8410,
105.0971

491.5644,
484.2217, 597.7994

62.0018, 57.1224,
79.9236

135.6531,
128.9150, 170.2570

45.2898, 41.1035,
59.1297

169.2597,
162.0392, 211.0806

31.8880, 28.4000,
42.2968

208.0033,
200.4007, 257.9578

21.4311, 18.6274,
29.0065

252.2493,
244.3839, 311.3074

13.5537, 11.4013,
18.8401

302.3631,
294.3732, 371.5478

7.8906, 6.3375,
11.3792

358.7100,

4.0762, 3.0513,

350.7530, 439.0976

6.2051

421.6553,
413.9078, 514.3753

■ 1.7453, 1.1586,
2.8994

■ 0.4844, 0.0275,
1.0435

■ 82.3895, 76.8410,
105.0971

■ 82.3895, 76.8410,
105.0971

■ 75.4219, 64.2937,
103.0425

■ 90.3880, 91.4290,
107.4913

■ 69.4323, 53.6840,
101.3103

95.0500, 100.0000,
108.9000

■ 64.3725, 44.9148,
99.8844

■ 60.1877, 37.8763,
98.7464

■ 56.8171, 32.4474,
97.8761

■ 54.1923, 28.4912,
97.2508

■ 52.2333, 25.8478,
96.8439

■ 50.8415, 24.3199,
96.6223

■ 50.3161, 23.8538,
96.5600

Harmonies

Analogous

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



77.4378, 76.8410, 117.4310



82.3895, 76.8410, 105.0971



84.8603, 76.8410, 88.0479

Triad

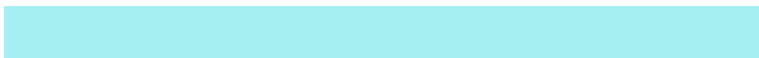
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3895, 76.8410, 105.0971



74.5492, 76.8410, 55.4306



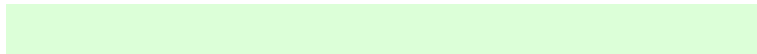
63.0437, 76.8410, 96.6497

Complementary

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



82.3895, 76.8410, 105.0971



77.6719, 91.6945, 78.5747

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.



62.3628, 76.8410, 79.4334



82.3895, 76.8410, 105.0971



68.8025, 76.8410, 57.0875

Square

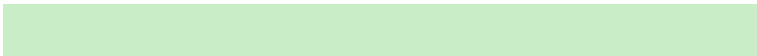
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3895, 76.8410, 105.0971



80.1778, 76.8410, 60.4910



64.4169, 76.8410, 65.3677



66.3296, 76.8410, 112.1143

Rectangle

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



82.3895, 76.8410, 105.0971



84.6798, 76.8410, 76.8964



64.4169, 76.8410, 65.3677



62.5100, 76.8410, 90.8233

Sweetspot

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



82.3916, 76.8442, 105.0977



90.6372, 91.8861, 107.5664



72.1098, 73.2981, 104.9551



19.2720, 19.4325, 22.9851



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.



82.3916, 76.8442, 105.0977



80.4046, 73.2483, 104.5083



81.5333, 76.6691, 92.9801



18.5983, 18.2002, 22.7827



26.3657, 12.5025, 50.4582



2.6178, 1.2435, 4.9153

Inverse Universe

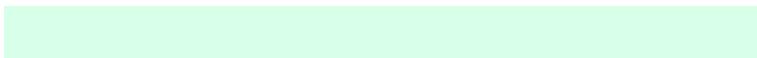
The Inverse Universe completely reimagines the original color for something new.



78.7162, 75.5422, 78.1454



76.1779, 71.7552, 73.3240



78.4979, 91.8867, 89.1656



18.0850, 18.0173, 19.0650



21.6716, 11.1579, 1.6553



2.1339, 1.0960, 0.2868

Previews

White Background



This preview shows how the XYZ color 82.3895, 76.8410, 105.0971 looks on a white background.

Color Contrast Check

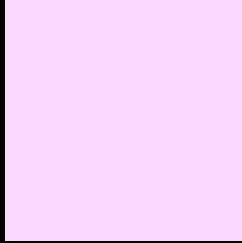
Large Text (above 18pt) WCAG AA × Fail

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 82.3895, 76.8410, 105.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

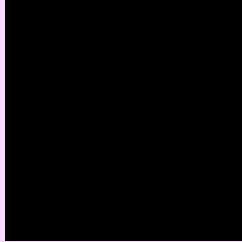
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3895, 76.8410, 105.0971

Background



This preview shows how black text looks on a background with the XYZ color 82.3895, 76.8410, 105.0971.

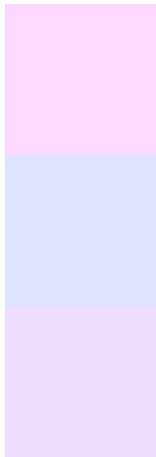


This preview shows how white text looks on a background with the XYZ color 82.3895, 76.8410,

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

82.3895, 76.8410, 105.0971

Protanopia

75.3706, 77.1423, 105.5252

Deuteranopia

78.6709, 76.8732, 104.4575



Tritanopia

79.1832, 76.6756, 89.9833

Trichromacy



Original Color

82.3895, 76.8410, 105.0971

Protanomaly

77.7755, 76.7862, 105.3297

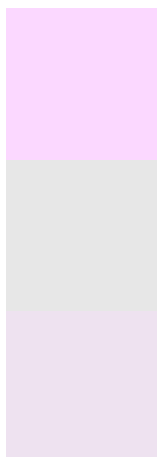
Deuteranomaly

79.8389, 76.6960, 104.3618

Tritanomaly

80.3160, 76.7536, 95.3758

Monochromacy



Original Color

82.3895, 76.8410, 105.0971

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.1844, 78.8611, 93.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3895, 76.8410, 105.0971 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(251, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 216, 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(251, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.3895, 76.8410, 105.0971 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(251, 216, 255) }
```


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

```
.border{ border-color:rgb(251, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3895, 76.8410, 105.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 216, 255) }
```

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

```
.background{ background-color: rgb(251,  
216, 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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