

Converting Colors

XYZ(82.8668, 81.7839,
110.1072)

Have a look what the booklet for
XYZ(82.8668, 81.7839, 110.1072)
contains.

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Color

**XYZ(82.0690, 81.4076,
105.9955)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E4FF
RGB	241, 228, 255
RGB Percent	95%, 89%, 100%
CMY	0.0549, 0.1059, 0.0000
CMYK	0.05, 0.11, 0.00, 0.00
HSL	269°, 100%, 95%
HSV	269°, 11%, 100%
XYZ	82.0690, 81.4076, 105.9955
YIQ	234.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

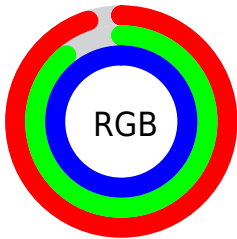
Format	Color
R _Y B	241, 228, 255
Decimal	15852799
CIE Lab	92.31, 9.26, -11.47
CIE LCh	92, 14.738, 308.900
Yxy	81.4076, 0.3046, 0.3021
Android (android.graphics.Color)	4294042879 (0xFFFF1E4FF)
YUV	234.9650, 9.8773, 5.2927
Hunter-Lab	90.2262, 4.4664, -6.4941

Details

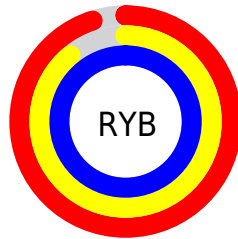
The XYZ color **82.0690, 81.4076, 105.9955** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.3836, 95.9997, 87.3798**, and the grayscale version is **78.8687, 82.9760, 90.3609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1442, 44.2786, 59.5934** is the 20% darker color. If you saturate the color by 10%, you get **71.2140, 66.1565, 103.6238**, and if you desaturate by 10%, it is **94.2906, 98.9035, 108.7284**.

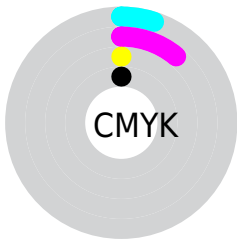
Distribution



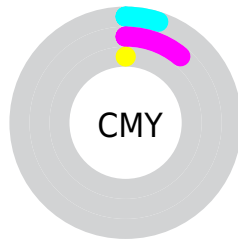
- Red (95%)
- Green (89%)
- Blue (100%)



- Red (95%)
- Yellow (89%)
- Blue (100%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0690, 81.4076, 105.9955 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 82.0690, 81.4076, 105.9955 by changing the saturation by 10% instead.

82.0690, 81.4076,
105.9955

82.0690, 81.4076,
105.9955

490.5095,
499.6640, 600.6586

61.7367, 60.8774,
80.6723

135.2061,
135.3429, 171.4957

45.0748, 44.1262,
59.7423

168.7416,
169.5168, 212.5099

31.7179, 30.7697,
42.7870

207.4089,
209.0074, 259.5914

21.3006, 20.4236,
29.3879

251.5733,
254.1990, 313.1588

13.4576, 12.7033,
19.1264

301.6002,
305.4761, 373.6307

7.8236, 7.2246,
11.5839

357.8550,

4.0331, 3.6029,

363.2230, 441.4256

6.3419

420.7029,
427.8242, 516.9620

■ 1.7209, 1.4540,
2.9820

■ 0.4693, 0.2560,
1.0854

■ 82.0690, 81.4076,
105.9955

■ 82.0690, 81.4076,
105.9955

■ 71.2140, 66.1565,
103.6238

94.2906, 98.9035,
108.7284

■ 61.6671, 53.0463,
101.5965

95.0500, 100.0000,
108.9000

■ 53.3748, 41.9799,
99.8975

■ 46.2773, 32.8483,
98.5090

■ 40.3092, 25.5323,
97.4114

■ 35.3981, 19.8989,
96.5829

■ 31.4618, 15.7960,
95.9985

■ 28.4031, 13.0423,
95.6281

■ 26.1851, 11.4138,
95.4307

Harmonies

Analogous

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



78.5147, 81.4076, 111.0318



82.0690, 81.4076, 105.9955



84.4155, 81.4076, 96.4109

Triad

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



82.0690, 81.4076, 105.9955



80.0436, 81.4076, 70.4657



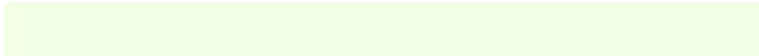
70.3592, 81.4076, 91.9257

Complementary

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



82.0690, 81.4076, 105.9955



86.3836, 95.9997, 87.3798

Split Complementary

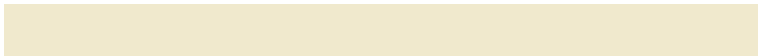
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7382, 81.4076, 81.2965



82.0690, 81.4076, 105.9955



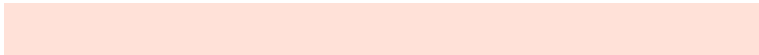
76.2473, 81.4076, 69.4797

Square

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



82.0690, 81.4076, 105.9955



83.2197, 81.4076, 76.1025



72.8644, 81.4076, 73.2889



71.8115, 81.4076, 102.4819

Rectangle

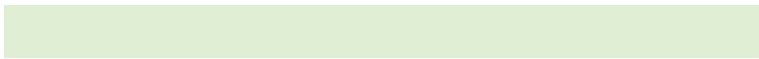
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0690, 81.4076, 105.9955



84.9358, 81.4076, 89.0425



72.8644, 81.4076, 73.2889



70.2777, 81.4076, 88.2368

Sweetspot

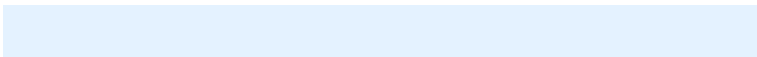
The Sweet Spot groups the original color and five complimentary colors.



82.0712, 81.4110, 105.9960



91.2135, 94.4712, 108.0350



81.9188, 87.4591, 107.1715



19.3085, 19.9120, 23.0757



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.



82.0712, 81.4110, 105.9960



79.3275, 77.5271, 105.3910



86.7047, 83.7996, 106.2129



17.8352, 17.8068, 22.7470



13.8527, 6.0518, 49.8726



1.4741, 0.6539, 4.8618

Inverse Universe

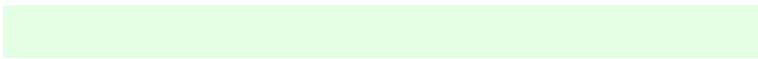
The Inverse Universe completely reimagines the original color for something new.



85.0125, 83.1609, 95.5785



82.9074, 79.6573, 92.6983



82.0473, 93.7642, 87.1768



18.4027, 18.1444, 20.7380



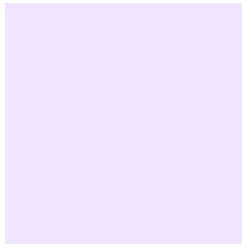
23.8093, 12.0130, 12.9121



2.3735, 1.1918, 1.5481

Previews

White Background



This preview shows how the XYZ color 82.0690, 81.4076, 105.9955 looks on a white background.

Color Contrast Check

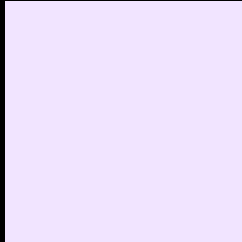
Large Text (above 18pt) WCAG AA × Fail

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 82.0690, 81.4076, 105.9955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

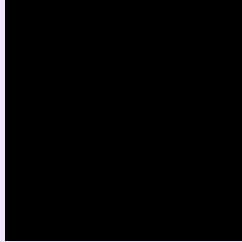
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0690, 81.4076, 105.9955

Background



This preview shows how black text looks on a background with the XYZ color 82.0690, 81.4076, 105.9955.



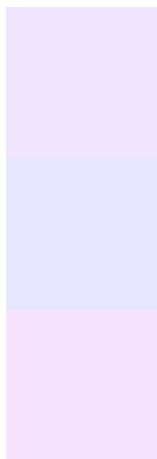
This preview shows how white text looks on a background with the XYZ color 82.0690, 81.4076,

105.9955.

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

82.0690, 81.4076, 105.9955

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

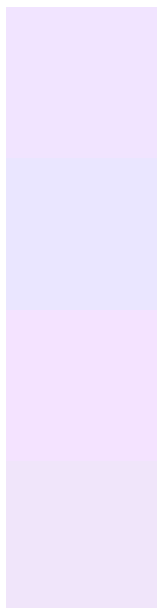
83.1753, 81.5706, 105.9686



Tritanopia

80.7430, 81.2793, 99.4285

Trichromacy



Original Color

82.0690, 81.4076, 105.9955

Protanomaly

80.2785, 81.3061, 106.0702

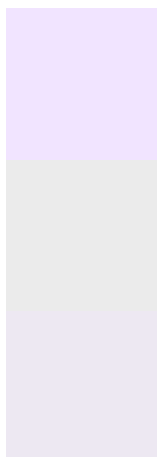
Deuteranomaly

82.8273, 81.3913, 105.9524

Tritanomaly

81.2098, 81.4660, 101.8868

Monochromacy



Original Color

82.0690, 81.4076, 105.9955

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.8087, 82.1286, 95.6504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0690, 81.4076, 105.9955 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(241, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 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(241, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0690, 81.4076, 105.9955 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(241, 228, 255) }
```


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

```
.border{ border-color:rgb(241, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0690, 81.4076, 105.9955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 255) }
```

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

```
.background{ background-color: rgb(241,  
228, 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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