

Converting Colors

XYZ(82.4009, 81.8821,
106.0696)

Have a look what the booklet for
XYZ(82.4009, 81.8821, 106.0696)
contains.

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Color

**XYZ(82.3449, 81.9594,
106.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E5FF
RGB	241, 229, 255
RGB Percent	95%, 90%, 100%
CMY	0.0549, 0.1019, 0.0000
CMYK	0.05, 0.10, 0.00, 0.00
HSL	268°, 100%, 95%
HSV	268°, 10%, 100%
XYZ	82.3449, 81.9594, 106.0874
YIQ	235.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

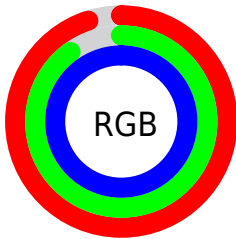
Format	Color
R _Y B	241, 229, 255
Decimal	15853055
CIE _{Lab}	92.56, 8.74, -11.11
CIE _{LCh}	93, 14.130, 308.187
Y _{xy}	81.9594, 0.3045, 0.3031
Android (android.graphics.Color)	4294043135 (0xFFFF1E5FF)
Y _{UV}	235.5520, 9.5879, 4.7779
Hunter-Lab	90.5314, 3.9287, -6.1058

Details

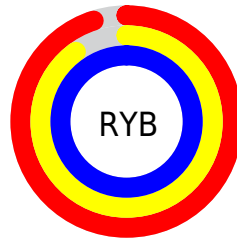
The XYZ color **82.3449, 81.9594, 106.0874** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8671, 96.2328, 88.1292**, and the grayscale version is **79.3181, 83.4488, 90.8758**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3367, 44.6636, 59.6575** is the 20% darker color. If you saturate the color by 10%, you get **71.2893, 66.5459, 103.6950**, and if you desaturate by 10%, it is **94.7946, 99.6345, 108.8429**.

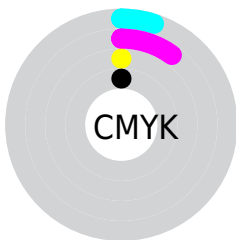
Distribution



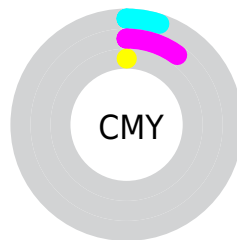
- Red (95%)
- Green (90%)
- Blue (100%)



- Red (95%)
- Yellow (90%)
- Blue (100%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3449, 81.9594, 106.0874 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 82.3449, 81.9594, 106.0874 by changing the saturation by 10% instead.

82.3449, 81.9594,
106.0874

82.3449, 81.9594,
106.0874

491.4177,
501.5119, 600.9507

61.9649, 61.3321,
80.7489

135.5909,
136.1171, 171.6224

45.2599, 44.4932,
59.8050

169.1876,
170.4162, 212.6560

31.8643, 31.0584,
42.8372

207.9206,
210.0414, 259.7583

21.4129, 20.6434,
29.4270

252.1553,
255.3770, 313.3480

13.5403, 12.8636,
19.1557

302.2570,
306.8075, 373.8435

7.8812, 7.3347,
11.6049

358.5910,

4.0702, 3.6723,

364.7172, 441.6634

6.3560

421.5228,
429.4905, 517.2263

■ 1.7419, 1.4920,
2.9905

■ 0.4823, 0.2831,
1.0898

■ 82.3449, 81.9594,
106.0874

■ 82.3449, 81.9594,
106.0874

■ 71.2893, 66.5459,
103.6950

94.7946, 99.6345,
108.8429

■ 61.5684, 53.2897,
101.6487

95.0500, 100.0000,
108.9000

■ 53.1281, 42.0936,
99.9325

■ 45.9078, 32.8485,
98.5285

■ 39.8413, 25.4352,
97.4174

■ 34.8557, 19.7208,
96.5771

■ 30.8679, 15.5533,
95.9829

■ 27.7805, 12.7525,
95.6050

■ 25.4779, 11.0492,
95.3976

Harmonies

Analogous

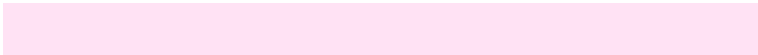
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9092, 81.9594, 110.7775



82.3449, 81.9594, 106.0874



84.6373, 81.9594, 96.9627

Triad

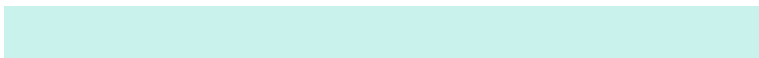
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3449, 81.9594, 106.0874



80.5518, 81.9594, 71.7600



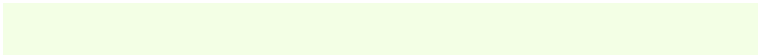
71.1213, 81.9594, 92.1490

Complementary

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



82.3449, 81.9594, 106.0874



86.8671, 96.2328, 88.1292

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.



71.5300, 81.9594, 81.9383



82.3449, 81.9594, 106.0874



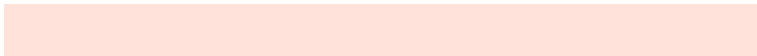
76.8993, 81.9594, 70.6920

Square

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



82.3449, 81.9594, 106.0874



83.5797, 81.9594, 77.3187



73.6179, 81.9594, 74.2777



72.4836, 81.9594, 102.3274

Rectangle

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



82.3449, 81.9594, 106.0874



85.1687, 81.9594, 89.8809



73.6179, 81.9594, 74.2777



71.0570, 81.9594, 88.6018

Sweetspot

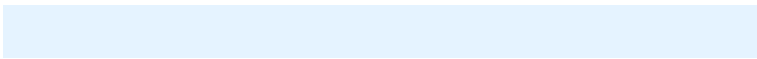
The Sweet Spot groups the original color and five complimentary colors.



82.3471, 81.9628, 106.0880



91.1585, 94.4428, 108.0325



82.5061, 88.1613, 107.2760



19.2937, 19.9043, 23.0750



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.



82.3471, 81.9628, 106.0880



80.2486, 79.0141, 105.6294



86.8343, 84.2760, 106.2980



17.7997, 17.7885, 22.7453



13.4807, 5.8600, 49.8552



1.4370, 0.6347, 4.8600

Inverse Universe

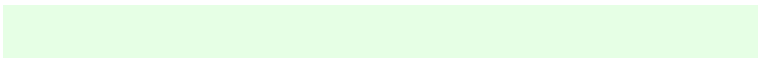
The Inverse Universe completely reimagines the original color for something new.



85.4391, 83.7730, 96.4637



83.8623, 81.1302, 94.3635



82.6348, 94.0510, 87.9312



18.4184, 18.1507, 20.8205



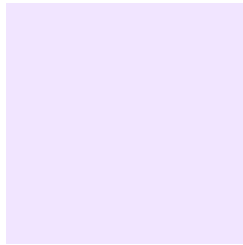
23.9965, 12.0879, 13.8977



2.3916, 1.1990, 1.6438

Previews

White Background



This preview shows how the XYZ color 82.3449, 81.9594, 106.0874 looks on a white background.

Color Contrast Check

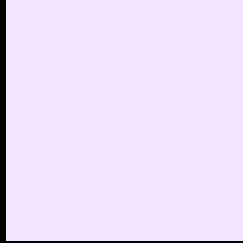
Large Text (above 18pt) WCAG AA × Fail

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 82.3449, 81.9594, 106.0874 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 82.3449, 81.9594, 106.0874

Background



This preview shows how black text looks on a background with the XYZ color 82.3449, 81.9594, 106.0874.



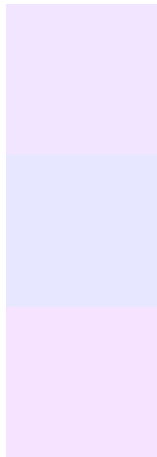
This preview shows how white text looks on a background with the XYZ color 82.3449, 81.9594,

106.0874.

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

82.3449, 81.9594, 106.0874

Protanopia

79.8616, 81.9221, 106.2111

Deuteranopia

83.5251, 81.7510, 105.9850



Tritanopia

81.1753, 81.8962, 100.3361

Trichromacy



Original Color

82.3449, 81.9594, 106.0874

Protanomaly

80.8869, 82.0340, 106.1787

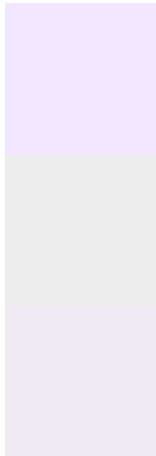
Deuteranomaly

83.1016, 81.9399, 106.0438

Tritanomaly

81.6446, 82.0839, 102.8074

Monochromacy



Original Color

82.3449, 81.9594, 106.0874

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.5765, 82.9260, 96.5535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3449, 81.9594, 106.0874 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, 229, 255) looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 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, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.3449, 81.9594, 106.0874 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, 229, 255) }
```


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

```
.border{ border-color:rgb(241, 229, 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, 229, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3449, 81.9594, 106.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 255) }
```

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

```
.background{ background-color: rgb(241,  
229, 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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