

Converting Colors

XYZ(91.5339, 83.6824,
153.2774)

Have a look what the booklet for
XYZ(91.5339, 83.6824, 153.2774)
contains.

XYZ(82.3618, 79.9438, 105.6975)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.3618, 79.9438,
105.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E0FF
RGB	245, 224, 255
RGB Percent	96%, 88%, 100%
CMY	0.0392, 0.1215, 0.0000
CMYK	0.04, 0.12, 0.00, 0.00
HSL	281°, 100%, 94%
HSV	281°, 12%, 100%
XYZ	82.3618, 79.9438, 105.6975
YIQ	233.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

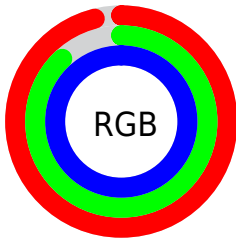
Format	Color
R_{YB}	245, 224, 255
Decimal	16113919
CIE _{Lab}	91.66, 12.64, -12.41
CIE _{LCh}	92, 17.711, 315.516
Yxy	79.9438, 0.3073, 0.2983
Android (android.graphics.Color)	4294303999 (0xFFFF5E0FF)
YUV	233.8130, 10.4452, 9.8110
Hunter-Lab	89.4113, 7.9567, -7.5017

Details

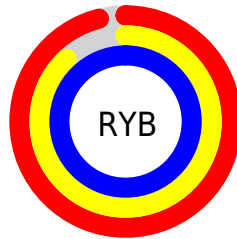
The XYZ color **82.3618, 79.9438, 105.6975** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1483, 94.3952, 84.3628**, and the grayscale version is **77.9894, 82.0509, 89.3535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3673, 43.2720, 59.3873** is the 20% darker color. If you saturate the color by 10%, you get **73.2101, 65.8057, 103.4509**, and if you desaturate by 10%, it is **92.6731, 96.2098, 108.2937**.

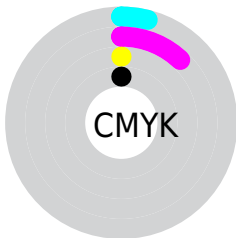
Distribution



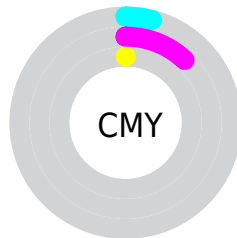
- Red (96%)
- Green (88%)
- Blue (100%)



- Red (96%)
- Yellow (88%)
- Blue (100%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3618, 79.9438, 105.6975 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 82.3618, 79.9438, 105.6975 by changing the saturation by 10% instead.

 82.3618, 79.9438,
105.6975

 82.3618, 79.9438,
105.6975


491.4733,
494.7434, 599.7110

 61.9789, 59.6721,
80.4239

135.6144,
133.2867, 171.0850

 45.2712, 43.1544,
59.5390


169.2149,
167.1267, 212.0359

 31.8733, 30.0063,
42.6243

207.9519,
206.2583, 259.0498

 21.4198, 19.8434,
29.2613

252.1909,
251.0658, 312.5450

 13.5454, 12.2812,
19.0313

302.2972,
301.9337, 372.9402

 7.8848, 6.9355,
11.5158

358.6361,

 4.0725, 3.4218,

359.2463, 440.6539

6.2964

421.5730,
423.3881, 516.1047

■ 1.7432, 1.3557,
2.9544

■ 0.4831, 0.1837,
1.0714

■ 82.3618, 79.9438,
105.6975

■ 82.3618, 79.9438,
105.6975

■ 73.2101, 65.8057,
103.4509

■ 92.6731, 96.2098,
108.2937

■ 65.1643, 53.6934,
101.5371

95.0500, 100.0000,
108.9000

■ 58.1758, 43.5113,
99.9401

■ 52.1898, 35.1521,
98.6421

■ 47.1459, 28.4976,
97.6235

■ 42.9766, 23.4155,
96.8623

■ 39.6042, 19.7534,
96.3332

■ 36.9356, 17.3274,
96.0055

■ 35.2263, 16.0747,
95.8538

Harmonies

Analogous

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



78.3354, 79.9438, 113.3283



82.3618, 79.9438, 105.6975



84.7229, 79.9438, 93.4268

Triad

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



82.3618, 79.9438, 105.6975



78.1809, 79.9438, 65.0808



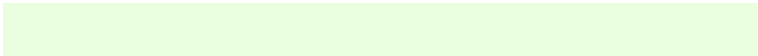
67.9057, 79.9438, 93.8823

Complementary

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



82.3618, 79.9438, 105.6975



83.1483, 94.3952, 84.3628

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.



67.8681, 79.9438, 80.9611



82.3618, 79.9438, 105.6975



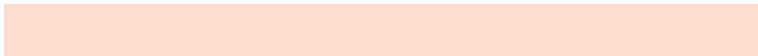
73.6805, 79.9438, 65.1766

Square

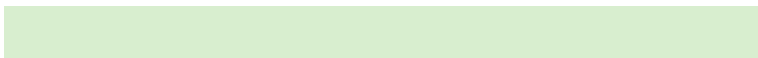
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



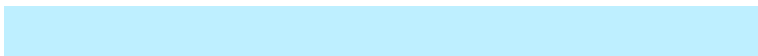
82.3618, 79.9438, 105.6975



82.2448, 79.9438, 70.4513



69.9446, 79.9438, 70.7275



70.0496, 79.9438, 106.0594

Rectangle

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



82.3618, 79.9438, 105.6975



84.9771, 79.9438, 84.6719



69.9446, 79.9438, 70.7275



67.6492, 79.9438, 89.4625

Sweetspot

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



82.3639, 79.9471, 105.6980



90.6817, 93.0451, 107.7878



78.3111, 82.1060, 106.3283



19.2384, 19.6440, 23.0276



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.



82.3639, 79.9471, 105.6980



79.6437, 75.7114, 105.0238



85.1265, 81.4661, 101.5442



18.1896, 17.9895, 22.7636



18.5694, 8.4833, 50.0933



1.9224, 0.8849, 4.8828

Inverse Universe

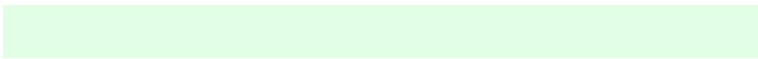
The Inverse Universe completely reimagines the original color for something new.



82.7490, 80.5151, 89.0245



80.1437, 76.4190, 84.7202



80.6690, 93.0349, 87.9601



18.2509, 18.0837, 19.9382



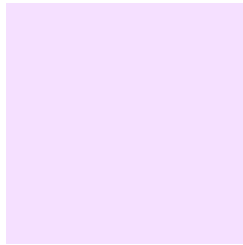
22.4099, 11.4533, 5.5432



2.2295, 1.1342, 0.7899

Previews

White Background



This preview shows how the XYZ color 82.3618, 79.9438, 105.6975 looks on a white background.

Color Contrast Check

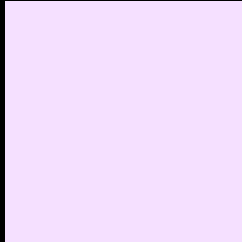
Large Text (above 18pt) WCAG AA × Fail

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 82.3618, 79.9438, 105.6975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

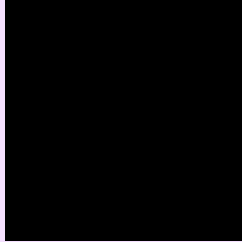
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

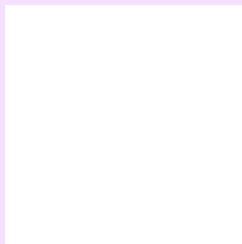
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3618, 79.9438, 105.6975

Background



This preview shows how black text looks on a background with the XYZ color 82.3618, 79.9438, 105.6975.



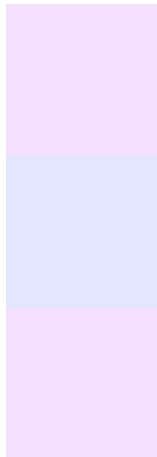
This preview shows how white text looks on a background with the XYZ color 82.3618, 79.9438,

105.6975.

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

82.3618, 79.9438, 105.6975

Protanopia

78.3417, 80.3076, 105.9796

Deuteranopia

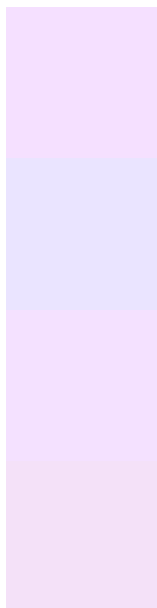
81.9374, 80.1251, 105.7549



Tritanopia

80.4876, 79.9791, 96.7833

Trichromacy



Original Color

82.3618, 79.9438, 105.6975

Protanomaly

79.7251, 80.1992, 105.8858

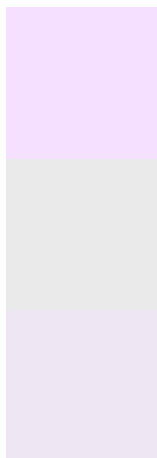
Deuteranomaly

82.2834, 80.3035, 105.7711

Tritanomaly

81.1767, 79.8608, 99.9431

Monochromacy



Original Color

82.3618, 79.9438, 105.6975

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.5837, 81.1816, 95.4795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3618, 79.9438, 105.6975 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(245, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 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(245, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.3618, 79.9438, 105.6975 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(245, 224, 255) }
```


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

```
.border{ border-color:rgb(245, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3618, 79.9438, 105.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 255) }
```

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

```
.background{ background-color: rgb(245,  
224, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor