

Converting Colors

XYZ(82.8878, 81.4027,
105.9514)

Have a look what the booklet for
XYZ(82.8878, 81.4027, 105.9514)
contains.

XYZ(82.8273, 81.3913, 105.9524)	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(82.8273, 81.3913,
105.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E3FF
RGB	244, 227, 255
RGB Percent	96%, 89%, 100%
CMY	0.0431, 0.1098, 0.0000
CMYK	0.04, 0.11, 0.00, 0.00
HSL	276°, 100%, 95%
HSV	276°, 11%, 100%
XYZ	82.8273, 81.3913, 105.9524
YIQ	235.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

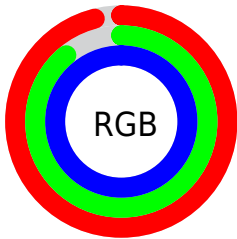
Format	Color
R _Y B	244, 227, 255
Decimal	16049151
CIE Lab	92.31, 10.75, -11.46
CIE LCh	92, 15.708, 313.175
Yxy	81.3913, 0.3066, 0.3013
Android (android.graphics.Color)	4294239231 (0xFFFF4E3FF)
YUV	235.2750, 9.7244, 7.6518
Hunter-Lab	90.2171, 5.9988, -6.4791

Details

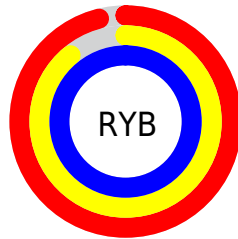
The XYZ color **82.8273, 81.3913, 105.9524** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8871, 95.2442, 86.5871**, and the grayscale version is **79.1047, 83.2243, 90.6312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6846, 44.2736, 59.5639** is the 20% darker color. If you saturate the color by 10%, you get **72.9810, 66.7191, 103.6393**, and if you desaturate by 10%, it is **93.8998, 98.2335, 108.6196**.

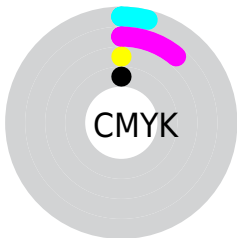
Distribution



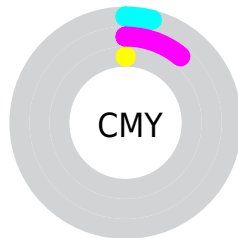
- Red (96%)
- Green (89%)
- Blue (100%)



- Red (96%)
- Yellow (89%)
- Blue (100%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8273, 81.3913, 105.9524 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 82.8273, 81.3913, 105.9524 by changing the saturation by 10% instead.

 82.8273, 81.3913,
105.9524

 82.8273, 81.3913,
105.9524


493.0034,
499.6093, 600.5216

 62.3641, 60.8639,
80.6364


136.2633,
135.3201, 171.4363

 45.5837, 44.1154,
59.7129


169.9669,
169.4902, 212.4413

 32.1207, 30.7612,
42.7635

208.8146,
208.9768, 259.5130

 21.6097, 20.4171,
29.3696

253.1719,
254.1642, 313.0700

 13.6854, 12.6986,
19.1126

303.4041,
305.4367, 373.5309

 7.9824, 7.2213,
11.5740

359.8765,

 4.1354, 3.6009,

363.1788, 441.3140

6.3353

422.9545,
427.7749, 516.8381

■ 1.7790, 1.4529,
2.9780

■ 0.5050, 0.2552,
1.0834

■ 82.8273, 81.3913,
105.9524

■ 82.8273, 81.3913,
105.9524

■ 72.9810, 66.7191,
103.6393

93.8998, 98.2335,
108.6196

■ 64.3061, 54.1146,
101.6636

95.0500, 100.0000,
108.9000

■ 56.7532, 43.4826,
100.0095

■ 50.2666, 34.7159,
98.6592

■ 44.7850, 27.6973,
97.5934

■ 40.2404, 22.2953,
96.7903

■ 36.5552, 18.3597,
96.2248

■ 33.6365, 15.7101,
95.8673

■ 31.5325, 14.1705,
95.6810

Harmonies

Analogous

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



79.1536, 81.3913, 112.2301



82.8273, 81.3913, 105.9524



85.0783, 81.3913, 95.2537

Triad

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



82.8273, 81.3913, 105.9524



79.6424, 81.3913, 68.8910



70.0027, 81.3913, 93.8174

Complementary

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



82.8273, 81.3913, 105.9524



84.8871, 95.2442, 86.5871

Split Complementary

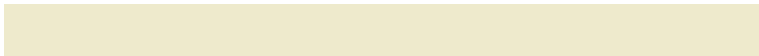
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1232, 81.3913, 82.3042



82.8273, 81.3913, 105.9524



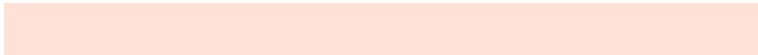
75.5936, 81.3913, 68.5799

Square

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



82.8273, 81.3913, 105.9524



83.1959, 81.3913, 74.1823



72.1387, 81.3913, 73.2913



71.8036, 81.3913, 104.8220

Rectangle

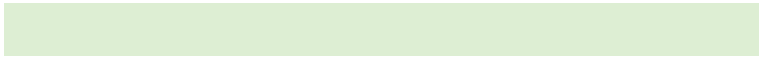
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8273, 81.3913, 105.9524



85.4222, 81.3913, 87.3882



72.1387, 81.3913, 73.2913



69.8218, 81.3913, 89.8659

Sweetspot

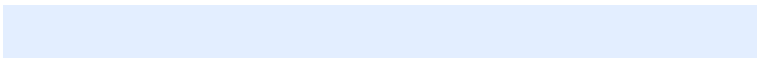
The Sweet Spot groups the original color and five complimentary colors.



82.8295, 81.3947, 105.9529



91.5608, 94.6502, 108.0513



80.3641, 84.8194, 106.7439



19.4023, 19.9603, 23.0801



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.



82.8295, 81.3947, 105.9529



80.7412, 78.2559, 105.4571



86.3131, 83.2423, 103.7804



18.0614, 17.9234, 22.7576



16.6490, 7.4933, 50.0034



1.7439, 0.7929, 4.8744

Inverse Universe

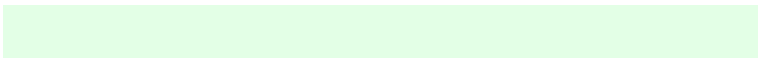
The Inverse Universe completely reimagines the original color for something new.



84.1438, 82.3746, 92.3570



82.2986, 79.4138, 89.4925



81.6959, 93.5540, 88.4714



18.3049, 18.1053, 20.2227



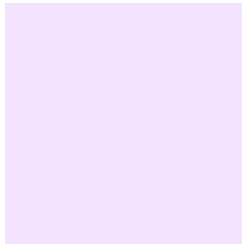
22.8235, 11.6187, 7.7210



2.2741, 1.1520, 1.0248

Previews

White Background



This preview shows how the XYZ color 82.8273, 81.3913, 105.9524 looks on a white background.

Color Contrast Check

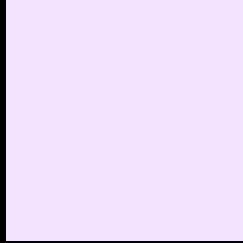
Large Text (above 18pt) WCAG AA × Fail

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 82.8273, 81.3913, 105.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

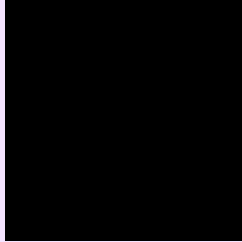
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

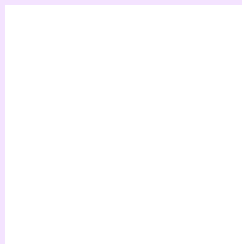
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8273, 81.3913, 105.9524

Background



This preview shows how black text looks on a background with the XYZ color 82.8273, 81.3913, 105.9524.



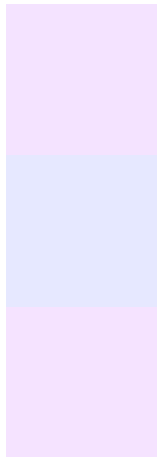
This preview shows how white text looks on a background with the XYZ color 82.8273, 81.3913,

105.9524.

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

82.8273, 81.3913, 105.9524

Protanopia

79.5397, 81.7562, 106.1961

Deuteranopia

83.1753, 81.5706, 105.9686



Tritanopia

81.3401, 81.1953, 98.5740

Trichromacy



Original Color

82.8273, 81.3913, 105.9524

Protanomaly

80.6078, 81.4758, 106.0857

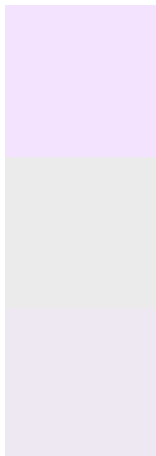
Deuteranomaly

83.1753, 81.5706, 105.9686

Tritanomaly

81.8044, 81.3810, 101.0191

Monochromacy



Original Color

82.8273, 81.3913, 105.9524

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.1435, 82.3012, 95.6661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8273, 81.3913, 105.9524 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(244, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 227, 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(244, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.8273, 81.3913, 105.9524 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(244, 227, 255) }
```


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

```
.border{ border-color:rgb(244, 227, 255) }
```

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

Here you see how a box with a 4 pixel rgb(244, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8273, 81.3913, 105.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 227, 255) }
```

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

```
.background{ background-color: rgb(244,  
227, 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