

Converting Colors

XYZ(82.0999, 79.9712,
105.7166)

Have a look what the booklet for
XYZ(82.0999, 79.9712, 105.7166)
contains.

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Color

**XYZ(82.0139, 79.7644,
105.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E0FF
RGB	244, 224, 255
RGB Percent	96%, 88%, 100%
CMY	0.0431, 0.1215, 0.0000
CMYK	0.04, 0.12, 0.00, 0.00
HSL	279°, 100%, 94%
HSV	279°, 12%, 100%
XYZ	82.0139, 79.7644, 105.6812
YIQ	233.5140, 1.9690, 13.8810

Conversions

Conversions Part 2

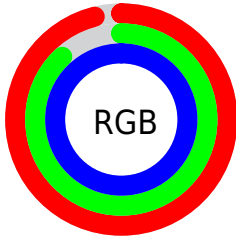
Format	Color
RYB	244, 224, 255
Decimal	16048383
CIELab	91.58, 12.31, -12.54
CIElCh	92, 17.572, 314.475
Yxy	79.7644, 0.3066, 0.2982
Android (android.graphics.Color)	4294238463 (0xFFFF4E0FF)
YUV	233.5140, 10.5926, 9.1962
Hunter-Lab	89.3109, 7.6218, -7.6399

Details

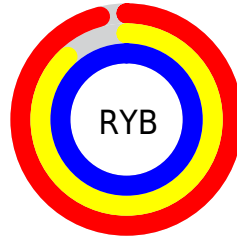
The XYZ color **82.0139, 79.7644, 105.6812** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.4774, 94.5649, 84.3780**, and the grayscale version is **77.7629, 81.8127, 89.0940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1200, 43.1445, 59.3757** is the 20% darker color. If you saturate the color by 10%, you get **72.6054, 65.4939, 103.4226**, and if you desaturate by 10%, it is **92.6085, 96.1764, 108.2907**.

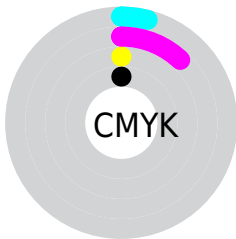
Distribution



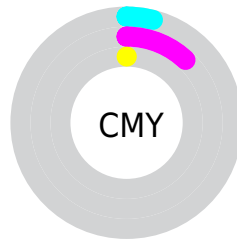
- Red (96%)
- Green (88%)
- Blue (100%)



- 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 82.0139, 79.7644, 105.6812 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 82.0139, 79.7644, 105.6812 by changing the saturation by 10% instead.

82.0139, 79.7644,
105.6812

82.0139, 79.7644,
105.6812

490.3280,
494.1385, 599.6591

61.6911, 59.5245,
80.4103

135.1292,
133.0344, 171.0625

45.0378, 43.0355,
59.5279

168.6525,
166.8334, 212.0100

31.6886, 29.9130,
42.6154

207.3066,
205.9208, 259.0202

21.2782, 19.7725,
29.2543

251.4570,
250.6810, 312.5115

13.4411, 12.2298,
19.0261

301.4690,
301.4985, 372.9025

7.8121, 6.9004,
11.5121

357.7079,

4.0257, 3.3999,

358.7577, 440.6117

6.2939

420.5391,
422.8429, 516.0578

■ 1.7167, 1.3439,
2.9529

■ 0.4667, 0.1748,
1.0707

■ 82.0139, 79.7644,
105.6812

■ 82.0139, 79.7644,
105.6812

■ 72.6054, 65.4939,
103.4226

■ 92.6085, 96.1764,
108.2907

■ 64.3289, 53.2627,
101.4980

95.0500, 100.0000,
108.9000

■ 57.1352, 42.9748,
99.8913

■ 50.9688, 34.5226,
98.5849

■ 45.7687, 27.7876,
97.5590

■ 41.4668, 22.6372,
96.7916

■ 37.9850, 18.9187,
96.2574

■ 35.2291, 16.4476,
95.9257

■ 33.4666, 15.1675,
95.7715

Harmonies

Analogous

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



77.9885, 79.7644, 113.0103



82.0139, 79.7644, 105.6812



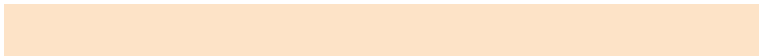
84.4252, 79.7644, 93.6259

Triad

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



82.0139, 79.7644, 105.6812



78.1441, 79.7644, 65.1711



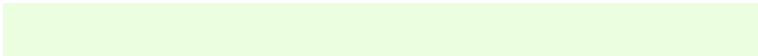
67.7707, 79.7644, 93.1671

Complementary

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



82.0139, 79.7644, 105.6812



83.4774, 94.5649, 84.3780

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.



67.8086, 79.7644, 80.4089



82.0139, 79.7644, 105.6812



73.6796, 79.7644, 65.0745

Square

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



82.0139, 79.7644, 105.6812



82.1317, 79.7644, 70.6785



69.9341, 79.7644, 70.4000



69.8283, 79.7644, 105.3169

Rectangle

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



82.0139, 79.7644, 105.6812



84.7352, 79.7644, 84.9382



69.9341, 79.7644, 70.4000



67.5414, 79.7644, 88.7900

Sweetspot

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



82.0160, 79.7677, 105.6817



90.5629, 92.9839, 107.7822



78.6066, 82.6970, 106.4269



19.2082, 19.6284, 23.0262



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.



82.0160, 79.7677, 105.6817



79.2202, 75.4930, 105.0040



85.2888, 81.5309, 102.3991



18.1306, 17.9591, 22.7608



17.6554, 8.0122, 50.0505



1.8379, 0.8414, 4.8788

Inverse Universe

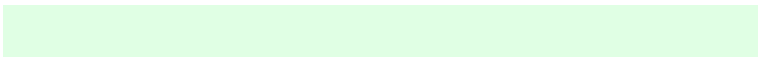
The Inverse Universe completely reimagines the original color for something new.



82.8930, 80.5726, 89.7831



80.3167, 76.4882, 85.6312



80.5250, 92.9773, 87.2016



18.2756, 18.0935, 20.0684



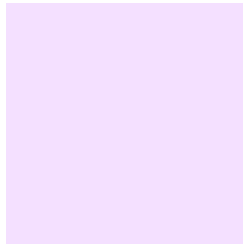
22.5880, 11.5245, 6.4809



2.2490, 1.1420, 0.8927

Previews

White Background



This preview shows how the XYZ color 82.0139, 79.7644, 105.6812 looks on a white background.

Color Contrast Check

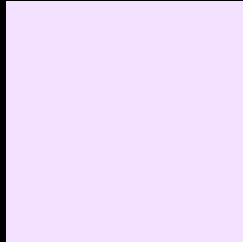
Large Text (above 18pt) WCAG AA × Fail

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 82.0139, 79.7644, 105.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

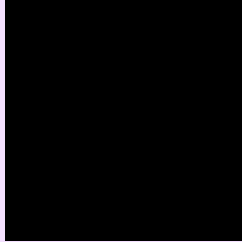
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

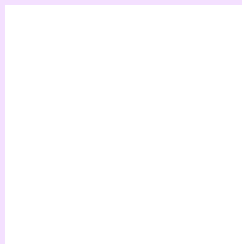
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0139, 79.7644, 105.6812

Background



This preview shows how black text looks on a background with the XYZ color 82.0139, 79.7644, 105.6812.



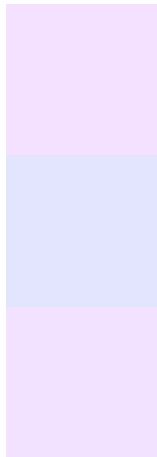
This preview shows how white text looks on a background with the XYZ color 82.0139, 79.7644,

105.6812.

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

82.0139, 79.7644, 105.6812

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.5932, 79.9477, 105.7388



Tritanopia

80.1434, 79.8016, 96.7672

Trichromacy



Original Color

82.0139, 79.7644, 105.6812

Protanomaly

79.1234, 79.4818, 105.7790

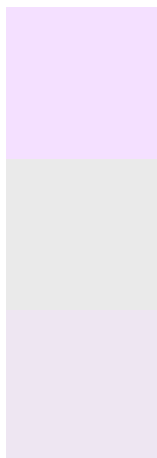
Deuteranomaly

81.9374, 80.1251, 105.7549

Tritanomaly

80.8306, 79.6824, 99.9269

Monochromacy



Original Color

82.0139, 79.7644, 105.6812

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 82.0139, 79.7644, 105.6812 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, 224, 255) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0139, 79.7644, 105.6812 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, 224, 255) }
```


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

```
.border{ border-color:rgb(244, 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(244, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0139, 79.7644, 105.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 255) }
```

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

```
.background{ background-color: rgb(244,  
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](#).

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