

Converting Colors

XYZ(84.2245, 79.1096,
102.9467)

Have a look what the booklet for
XYZ(84.2245, 79.1096, 102.9467)
contains.

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Color

**XYZ(84.1422, 78.9513,
102.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBFC
RGB	255, 219, 252
RGB Percent	100%, 86%, 99%
CMY	0.0000, 0.1412, 0.0118
CMYK	0.00, 0.14, 0.01, 0.00
HSL	305°, 100%, 93%
HSV	305°, 14%, 100%
XYZ	84.1422, 78.9513, 102.8998
YIQ	233.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

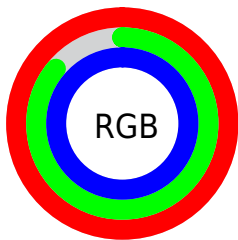
Format	Color
RYB	255, 219, 252
Decimal	16767996
CIELab	91.21, 17.97, -11.42
CIELCh	91, 21.295, 327.574
Yxy	78.9513, 0.3163, 0.2968
Android (android.graphics.Color)	4294958076 (0xFFFFDBFC)
YUV	233.5260, 9.1077, 18.8327
Hunter-Lab	88.8545, 13.5379, -6.4638

Details

The XYZ color **84.1422, 78.9513, 102.8998** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1606, 91.8551, 82.7207**, and the grayscale version is **77.7778, 81.8283, 89.1111**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4145, 42.4968, 57.3862** is the 20% darker color. If you saturate the color by 10%, you get **77.6580, 66.5184, 99.0877**, and if you desaturate by 10%, it is **91.6526, 93.4300, 107.0747**.

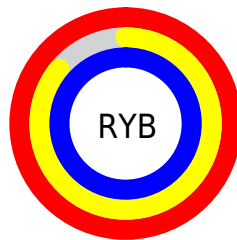
Distribution



Red (100%)

Green (86%)

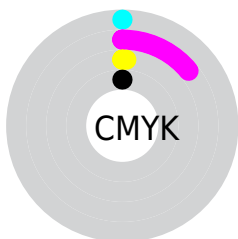
Blue (99%)



Red (100%)

Yellow (86%)

Blue (99%)

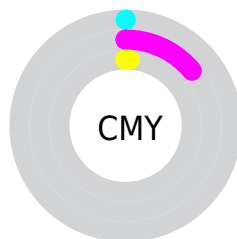


Cyan (0%)

Magenta (14%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1422, 78.9513, 102.8998 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 84.1422, 78.9513, 102.8998 by changing the saturation by 10% instead.

84.1422, 78.9513,
102.8998

84.1422, 78.9513,
102.8998

497.3119,
491.3916, 590.7761

63.4530, 58.8558,
78.0941

138.0943,
131.8903, 167.2230

46.4678, 42.4970,
57.6344

172.0879,
165.5026, 207.5777

32.8213, 29.4907,
41.1021

211.2469,
204.3892, 253.9524

22.1481, 19.4523,
28.0785

255.9368,
248.9346, 306.7657

14.0830, 11.9976,
18.1453

306.5229,
299.5231, 366.4362

8.2605, 6.7420,
10.8838

363.3705,

4.3153, 3.3013,

356.5392, 433.3824

5.8756

426.8451,
420.3672, 508.0229

■ 1.8820, 1.2910,
2.7020

■ 0.5663, 0.1342,
0.9444

■ 84.1422, 78.9513,
102.8998

■ 84.1422, 78.9513,
102.8998

■ 77.6580, 66.5184,
99.0877

■ 91.6526, 93.4300,
107.0747

■ 72.1486, 56.0294,
95.6180

95.0500, 100.0000,
108.9000

■ 67.5660, 47.3879,
92.4756

■ 63.8559, 40.4855,
89.6425

■ 60.9584, 35.2025,
87.0986

■ 58.8063, 31.4042,
84.8214

■ 57.3211, 28.9340,
82.7847

■ 56.4072, 27.6003,
80.9566

■ 56.0563, 27.1865,
79.9515

Harmonies

Analogous

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



79.9459, 78.9513, 115.0807



84.1422, 78.9513, 102.8998



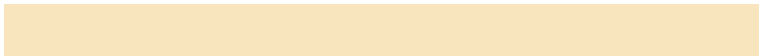
85.8899, 78.9513, 87.2285

Triad

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



84.1422, 78.9513, 102.8998



75.4809, 78.9513, 59.5667



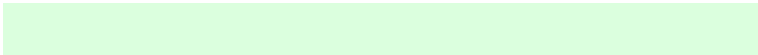
66.2158, 78.9513, 100.4633

Complementary

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



84.1422, 78.9513, 102.8998



78.1606, 91.8551, 82.7207

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.



65.1462, 78.9513, 84.7129



84.1422, 78.9513, 102.8998



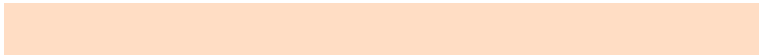
70.3406, 78.9513, 62.2270

Square

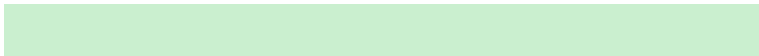
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



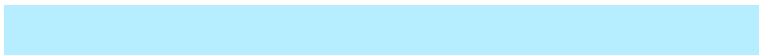
84.1422, 78.9513, 102.8998



80.7420, 78.9513, 63.2465



66.6207, 78.9513, 70.9975



69.6146, 78.9513, 113.5597

Rectangle

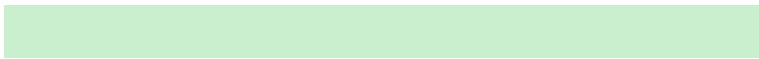
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1422, 78.9513, 102.8998



85.3713, 78.9513, 77.3026



66.6207, 78.9513, 70.9975



65.5793, 78.9513, 95.2505

Sweetspot

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



84.1439, 78.9544, 102.9015



91.7454, 93.6093, 107.1250



73.3254, 73.3219, 104.8956



19.5084, 19.7872, 22.8592



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.



84.1439, 78.9544, 102.9015



82.1700, 75.1617, 101.7651



81.5112, 77.9013, 89.0374



18.7235, 18.2727, 22.4273



29.3179, 14.2164, 41.9198



2.8731, 1.3916, 4.1790

Inverse Universe

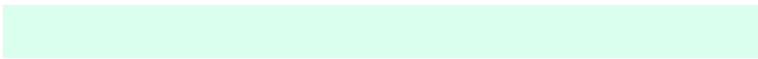
The Inverse Universe completely reimagines the original color for something new.



84.1439, 78.9544, 102.9015



82.1700, 75.1617, 101.7651



80.6147, 92.8368, 95.6439



18.7235, 18.2727, 22.4273



29.3179, 14.2164, 41.9198



2.8731, 1.3916, 4.1790

Previews

White Background



This preview shows how the XYZ color 84.1422, 78.9513, 102.8998 looks on a white background.

Color Contrast Check

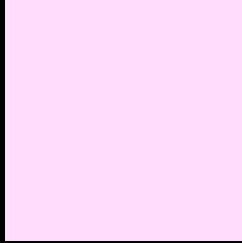
Large Text (above 18pt) WCAG AA × Fail

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 84.1422, 78.9513, 102.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

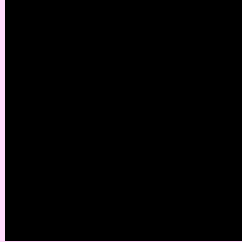
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1422, 78.9513, 102.8998

Background



This preview shows how black text looks on a background with the XYZ color 84.1422, 78.9513, 102.8998.

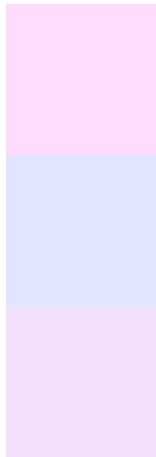


This preview shows how white text looks on a background with the XYZ color 84.1422, 78.9513,

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

84.1422, 78.9513, 102.8998

Protanopia

77.4333, 79.4274, 105.8576

Deuteranopia

81.0304, 79.3310, 102.3084



Tritanopia

81.9445, 78.8275, 92.5577

Trichromacy



Original Color

84.1422, 78.9513, 102.8998

Protanomaly

79.7397, 79.0107, 104.8138

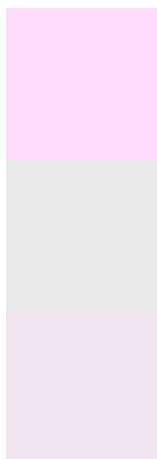
Deuteranomaly

81.8916, 78.9817, 102.1956

Tritanomaly

82.7954, 78.7889, 96.4319

Monochromacy



Original Color

84.1422, 78.9513, 102.8998

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.5144, 81.2667, 94.6616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1422, 78.9513, 102.8998 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(255, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 252)  
}
```

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(255, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 252) }
```

Border

The CSS property to change the border of an element to XYZ 84.1422, 78.9513, 102.8998 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(255, 219, 252) }
```


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

```
.border{ border-color:rgb(255, 219, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1422, 78.9513, 102.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 252) }
```

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

```
.background{ background-color: rgb(255,  
219, 252) }
```

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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