

Converting Colors

XYZ(84.9591, 82.4749,
106.0492)

Have a look what the booklet for
XYZ(84.9591, 82.4749, 106.0492)
contains.

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Color

**XYZ(84.9434, 82.4822,
106.0514)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3FF
RGB	250, 227, 255
RGB Percent	98%, 89%, 100%
CMY	0.0196, 0.1098, 0.0000
CMYK	0.02, 0.11, 0.00, 0.00
HSL	289°, 100%, 95%
HSV	289°, 11%, 100%
XYZ	84.9434, 82.4822, 106.0514
YIQ	237.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

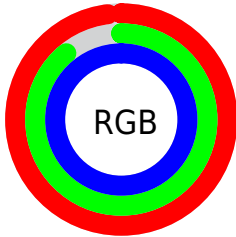
Format	Color
R _Y B	250, 227, 255
Decimal	16442367
CIE _{Lab}	92.79, 12.70, -10.69
CIE _{LCh}	93, 16.602, 319.931
Y _{xy}	82.4822, 0.3106, 0.3016
Android (android.graphics.Color)	4294632447 (0xFFFAE3FF)
Y _{UV}	237.0690, 8.8400, 11.3405
Hunter-Lab	90.8197, 8.0160, -5.6599

Details

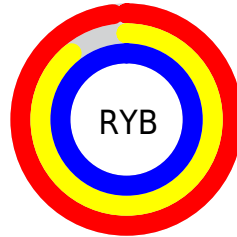
The XYZ color **84.9434, 82.4822, 106.0514** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.9060, 94.2229, 86.4945**, and the grayscale version is **80.4829, 84.6743, 92.2103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9379, 44.9197, 59.6226** is the 20% darker color. If you saturate the color by 10%, you get **76.8676, 68.7228, 103.8212**, and if you desaturate by 10%, it is **94.0958, 98.3346, 108.6288**.

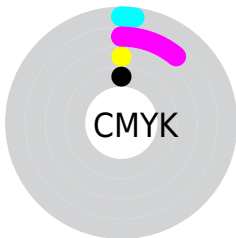
Distribution



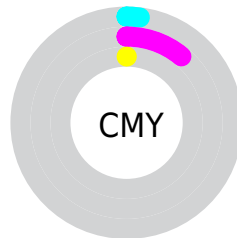
- Red (98%)
- Green (89%)
- Blue (100%)



- Red (98%)
- Yellow (89%)
- Blue (100%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.9434, 82.4822, 106.0514 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 84.9434, 82.4822, 106.0514 by changing the saturation by 10% instead.

 84.9434, 82.4822,
106.0514

 84.9434, 82.4822,
106.0514


499.9273,
503.2592, 600.8363

 64.1170, 61.7631,
80.7189

139.2085,
136.8500, 171.5728

 47.0074, 44.8413,
59.7805


173.3779,
171.2675, 212.5987

 33.2495, 31.3324,
42.8176


212.7257,
211.0199, 259.6929

 22.4778, 20.8521,
29.4117

257.6171,
256.4915, 313.2739

 14.3270, 13.0159,
19.1442

308.4177,
308.0669, 373.7602

 8.4316, 7.4395,
11.5967

365.4926,

 4.4265, 3.7385,

366.1304, 441.5703

6.3505

429.2074,
431.0664, 517.1228

■ 1.9461, 1.5284,
2.9871

■ 0.6034, 0.3086,
1.0881

■ 84.9434, 82.4822,
106.0514

■ 84.9434, 82.4822,
106.0514

■ 76.8676, 68.7228,
103.8212

94.0958, 98.3346,
108.6288

■ 69.8164, 56.9553,
101.9215

95.0500, 100.0000,
108.9000

■ 63.7431, 47.0860,
100.3366

■ 58.5947, 39.0093,
99.0490

■ 54.3130, 32.6092,
98.0393

■ 50.8331, 27.7560,
97.2860

■ 48.0801, 24.3010,
96.7642

■ 45.9648, 22.0656,
96.4442

■ 44.4775, 20.8439,
96.2868

Harmonies

Analogous

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



81.2698, 82.4822, 114.1457



84.9434, 82.4822, 106.0514



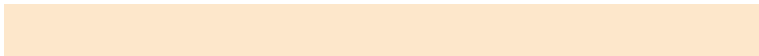
86.8847, 82.4822, 94.0434

Triad

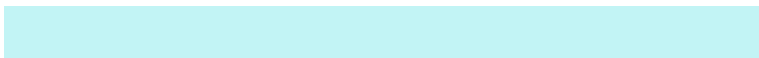
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9434, 82.4822, 106.0514



79.8617, 82.4822, 68.3156



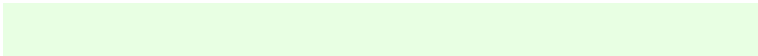
70.8263, 82.4822, 98.1862

Complementary

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



84.9434, 82.4822, 106.0514



82.9060, 94.2229, 86.4945

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.



70.4807, 82.4822, 85.7038



84.9434, 82.4822, 106.0514



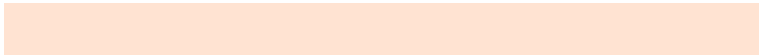
75.5924, 82.4822, 69.2036

Square

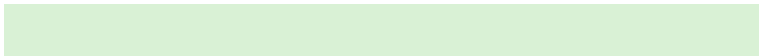
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9434, 82.4822, 106.0514



83.8801, 82.4822, 72.7675



72.1956, 82.4822, 75.3161



73.1579, 82.4822, 109.3231

Rectangle

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



84.9434, 82.4822, 106.0514



86.8884, 82.4822, 85.7588



72.1956, 82.4822, 75.3161



70.4774, 82.4822, 93.9849

Sweetspot

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



84.9456, 82.4857, 106.0519



92.1572, 94.9577, 108.0792



78.6259, 81.3429, 106.1645



19.5636, 20.0434, 23.0876



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.



84.9456, 82.4857, 106.0519



83.2273, 79.5375, 105.5735



85.3660, 82.8635, 98.7926



18.4558, 18.1267, 22.7760



23.3560, 10.9510, 50.3173



2.3535, 1.1072, 4.9029

Inverse Universe

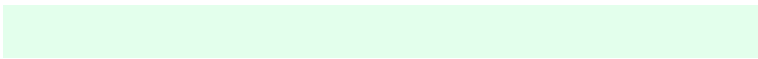
The Inverse Universe completely reimagines the original color for something new.



83.2768, 82.0278, 87.7909



81.2930, 79.0115, 84.1969



82.5619, 93.9005, 93.0315



18.1418, 18.0400, 19.3637



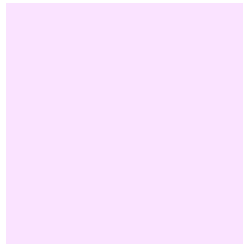
21.8397, 11.2252, 2.5402



2.1608, 1.1067, 0.4281

Previews

White Background



This preview shows how the XYZ color 84.9434, 82.4822, 106.0514 looks on a white background.

Color Contrast Check

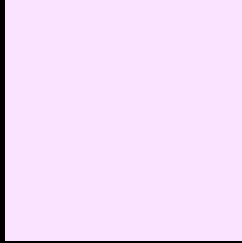
Large Text (above 18pt) WCAG AA × Fail

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 84.9434, 82.4822, 106.0514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

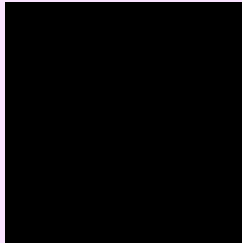
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.9434, 82.4822, 106.0514

Background



This preview shows how black text looks on a background with the XYZ color 84.9434, 82.4822, 106.0514.



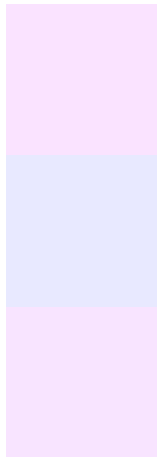
This preview shows how white text looks on a background with the XYZ color 84.9434, 82.4822,

106.0514.

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

84.9434, 82.4822, 106.0514

Protanopia

80.4676, 82.6536, 106.3204

Deuteranopia

84.5048, 82.6633, 106.1095



Tritanopia

83.4449, 82.2804, 98.6725

Trichromacy



Original Color

84.9434, 82.4822, 106.0514

Protanomaly

82.2225, 82.7226, 106.2412

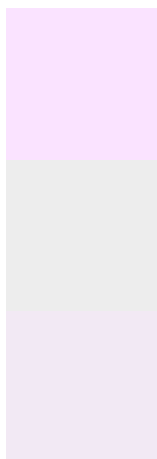
Deuteranomaly

84.8603, 82.8465, 106.1261

Tritanomaly

83.9092, 82.4661, 101.1176

Monochromacy



Original Color

84.9434, 82.4822, 106.0514

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.0860, 83.6867, 97.4147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9434, 82.4822, 106.0514 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(250, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.9434, 82.4822, 106.0514 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(250, 227, 255) }
```


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

```
.border{ border-color:rgb(250, 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(250, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9434, 82.4822, 106.0514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 255) }
```

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

```
.background{ background-color: rgb(250,  
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](#).

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