

Converting Colors

XYZ(92.8340, 84.6617,
152.6896)

Have a look what the booklet for
XYZ(92.8340, 84.6617, 152.6896)
contains.

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Color

**XYZ(84.0421, 81.2102,
105.8534)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1FF
RGB	249, 225, 255
RGB Percent	98%, 88%, 100%
CMY	0.0235, 0.1176, 0.0000
CMYK	0.02, 0.12, 0.00, 0.00
HSL	288°, 100%, 94%
HSV	288°, 12%, 100%
XYZ	84.0421, 81.2102, 105.8534
YIQ	235.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

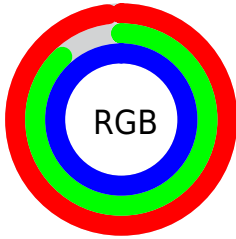
Format	Color
R_{YB}	249, 225, 255
Decimal	16376319
CIE _{Lab}	92.23, 13.42, -11.53
CIE _{LCh}	92, 17.693, 319.322
Yxy	81.2102, 0.3100, 0.2996
Android (android.graphics.Color)	4294566399 (0xFFFF9E1FF)
YUV	235.5960, 9.5662, 11.7553
Hunter-Lab	90.1167, 8.7634, -6.5619

Details

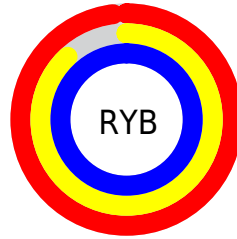
The XYZ color **84.0421, 81.2102, 105.8534** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.3078, 93.9462, 85.0337**, and the grayscale version is **79.3487, 83.4810, 90.9108**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3060, 44.0331, 59.4847** is the 20% darker color. If you saturate the color by 10%, you get **75.8642, 67.5156, 103.6411**, and if you desaturate by 10%, it is **93.3031, 96.9959, 108.4122**.

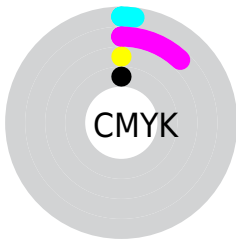
Distribution



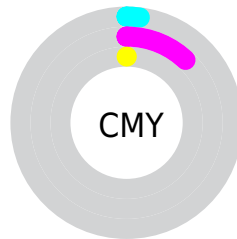
- Red (98%)
- Green (88%)
- Blue (100%)



- Red (98%)
- Yellow (88%)
- Blue (100%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0421, 81.2102, 105.8534 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 84.0421, 81.2102, 105.8534 by changing the saturation by 10% instead.

 84.0421, 81.2102,
105.8534

 84.0421, 81.2102,
105.8534


496.9846,
499.0020, 600.2068

 63.3700, 60.7147,
80.5539


137.9550,
135.0659, 171.2999

 46.4004, 43.9950,
59.6454


171.9266,
169.1949, 212.2839

 32.7678, 30.6666,
42.7094

211.0620,
208.6372, 259.3331

 22.1070, 20.3451,
29.3275

255.7266,
253.7772, 312.8662

 14.0526, 12.6461,
19.0810

306.2859,
304.9993, 373.3015

 8.2392, 7.1853,
11.5514

363.1050,

 4.3015, 3.5783,

362.6878, 441.0577

6.3202

426.5495,
427.2273, 516.5533

■ 1.8741, 1.4406,
2.9688

■ 0.5617, 0.2463,
1.0787

■ 84.0421, 81.2102,
105.8534

■ 84.0421, 81.2102,
105.8534

■ 75.8642, 67.5156,
103.6411

■ 93.3031, 96.9959,
108.4122

■ 68.7170, 55.8107,
101.7585

95.0500, 100.0000,
108.9000

■ 62.5535, 46.0010,
100.1899

■ 57.3202, 37.9801,
98.9175

■ 52.9583, 31.6312,
97.9220

■ 49.4020, 26.8232,
97.1814

■ 46.5757, 23.4054,
96.6706

■ 44.3882, 21.1961,
96.3595

■ 42.9528, 20.0578,
96.2154

Harmonies

Analogous

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



80.1306, 81.2102, 114.3480



84.0421, 81.2102, 105.8534



86.1443, 81.2102, 93.1670

Triad

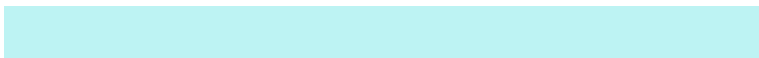
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0421, 81.2102, 105.8534



78.8267, 81.2102, 65.9379



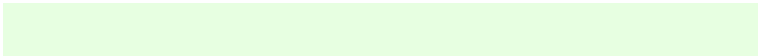
69.1928, 81.2102, 97.0107

Complementary

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



84.0421, 81.2102, 105.8534



82.3078, 93.9462, 85.0337

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.



68.8748, 81.2102, 83.8449



84.0421, 81.2102, 105.8534



74.3181, 81.2102, 66.7481

Square

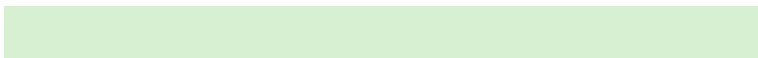
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0421, 81.2102, 105.8534



83.0553, 81.2102, 70.6869



70.7168, 81.2102, 73.0214



71.6035, 81.2102, 108.9048

Rectangle

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



84.0421, 81.2102, 105.8534



86.1831, 81.2102, 84.4118



70.7168, 81.2102, 73.0214



68.8413, 81.2102, 92.5615

Sweetspot

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



84.0443, 81.2136, 105.8539



91.1354, 93.2790, 107.8090



77.6804, 80.3829, 106.0290



19.3534, 19.7033, 23.0330



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.



84.0443, 81.2136, 105.8539



82.1218, 77.9707, 105.3293



84.8016, 81.7675, 98.5034



18.4159, 18.1061, 22.7742



22.5689, 10.5452, 50.2805



2.2836, 1.0712, 4.8997

Inverse Universe

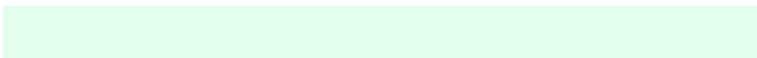
The Inverse Universe completely reimagines the original color for something new.



82.5912, 80.8833, 86.8635



80.4377, 77.5949, 83.0059



81.6650, 93.4692, 91.5821



18.1579, 18.0465, 19.4485



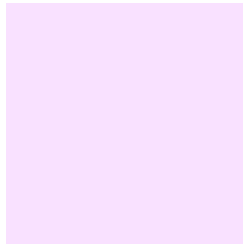
21.9026, 11.2504, 2.8719



2.1692, 1.1100, 0.4723

Previews

White Background



This preview shows how the XYZ color 84.0421, 81.2102, 105.8534 looks on a white background.

Color Contrast Check

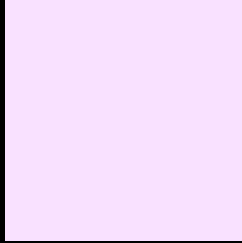
Large Text (above 18pt) WCAG AA × Fail

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 84.0421, 81.2102, 105.8534 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 84.0421, 81.2102, 105.8534

Background



This preview shows how black text looks on a background with the XYZ color 84.0421, 81.2102, 105.8534.



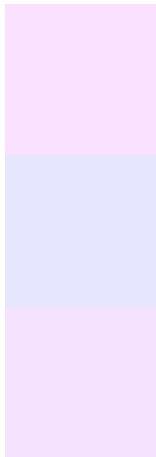
This preview shows how white text looks on a background with the XYZ color 84.0421, 81.2102,

105.8534.

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

84.0421, 81.2102, 105.8534

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

82.9025, 81.0252, 105.8777



Tritanopia

82.3083, 81.3049, 97.7415

Trichromacy



Original Color

84.0421, 81.2102, 105.8534

Protanomaly

80.9944, 81.2631, 106.0242

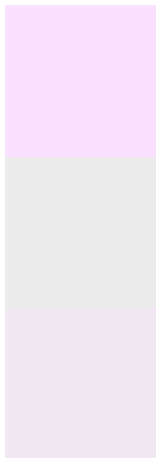
Deuteranomaly

83.2524, 81.2055, 105.8941

Tritanomaly

83.0066, 81.1887, 100.9186

Monochromacy



Original Color

84.0421, 81.2102, 105.8534

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.3099, 82.8851, 96.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0421, 81.2102, 105.8534 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(249, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 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(249, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.0421, 81.2102, 105.8534 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(249, 225, 255) }
```


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

```
.border{ border-color:rgb(249, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0421, 81.2102, 105.8534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 255) }
```

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

```
.background{ background-color: rgb(249,  
225, 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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