

Converting Colors

XYZ(118.2880, 96.9949,
103.9522)

Have a look what the booklet for
XYZ(118.2880, 96.9949, 103.9522)
contains.

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Color

**XYZ(84.2458, 79.4114,
102.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCFB
RGB	255, 220, 251
RGB Percent	100%, 86%, 98%
CMY	0.0000, 0.1372, 0.0157
CMYK	0.00, 0.14, 0.02, 0.00
HSL	307°, 100%, 93%
HSV	307°, 14%, 100%
XYZ	84.2458, 79.4114, 102.1545
YIQ	233.9990, 10.9090, 17.0610

Conversions

Conversions Part 2

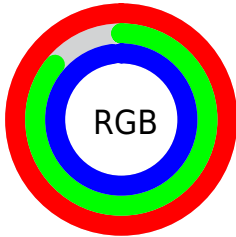
Format	Color
R_{YB}	255, 220, 251
Decimal	16768251
CIE _{Lab}	91.42, 17.28, -10.59
CIE _{LCh}	91, 20.261, 328.503
Yxy	79.4114, 0.3169, 0.2988
Android (android.graphics.Color)	4294958331 (0xFFFFDCFB)
YUV	233.9990, 8.3815, 18.4179
Hunter-Lab	89.1131, 12.8026, -5.5878

Details

The XYZ color **84.2458, 79.4114, 102.1545** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.7321, 92.1186, 84.1551**, and the grayscale version is **78.1404, 82.2098, 89.5264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4814, 42.8111, 56.8525** is the 20% darker color. If you saturate the color by 10%, you get **77.6014, 66.8518, 97.6919**, and if you desaturate by 10%, it is **91.9214, 94.0216, 106.9979**.

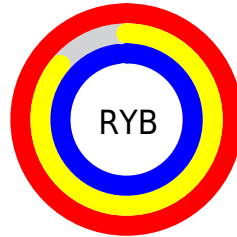
Distribution



Red (100%)

Green (86%)

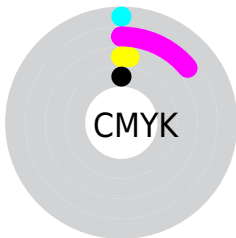
Blue (98%)



Red (100%)

Yellow (86%)

Blue (98%)

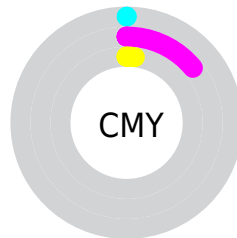


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2458, 79.4114, 102.1545 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 84.2458, 79.4114, 102.1545 by changing the saturation by 10% instead.

 84.2458, 79.4114,
102.1545

 84.2458, 79.4114,
102.1545


497.6505,
492.9470, 588.3839

 63.5388, 59.2341,
77.4742


138.2384,
132.5379, 166.1925

 46.5375, 42.8016,
57.1283


172.2548,
166.2559, 206.3872

 32.8766, 29.7295,
40.6982


211.4383,
205.2562, 252.5904

 22.1907, 19.6334,
27.7654

256.1543,
249.9233, 305.2208

 14.1145, 12.1288,
17.9114

306.7681,
300.6415, 364.6968

 8.2826, 6.8315,
10.7176

363.6452,

 4.3296, 3.3569,

357.7953, 431.4369

5.7655

427.1509,
421.7690, 505.8598

■ 1.8902, 1.3208,
2.6365

■ 0.5712, 0.1572,
0.9112

■ 84.2458, 79.4114,
102.1545

■ 84.2458, 79.4114,
102.1545

■ 77.6014, 66.8518,
97.6919

■ 91.9214, 94.0216,
106.9979

■ 71.9370, 56.2413,
93.5897

95.0500, 100.0000,
108.9000

■ 67.2047, 47.4836,
89.8327

■ 63.3504, 40.4707,
86.4027

■ 60.3144, 35.0835,
83.2799

■ 58.0298, 31.1879,
80.4415

■ 56.4187, 28.6283,
77.8616

■ 55.3862, 27.2151,
75.5084

■ 54.9486, 26.7435,
74.1187

Harmonies

Analogous

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



80.3059, 79.4114, 113.8769



84.2458, 79.4114, 102.1545



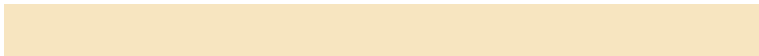
85.8227, 79.4114, 87.2090

Triad

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



84.2458, 79.4114, 102.1545



75.7373, 79.4114, 61.0876



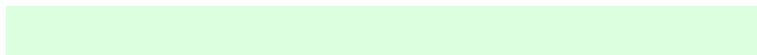
67.1013, 79.4114, 100.7262

Complementary

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



84.2458, 79.4114, 102.1545



78.7321, 92.1186, 84.1551

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.



66.0002, 79.4114, 85.7263



84.2458, 79.4114, 102.1545



70.8479, 79.4114, 63.8488

Square

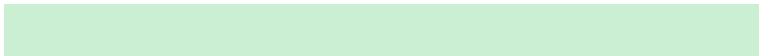
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



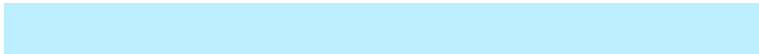
84.2458, 79.4114, 102.1545



80.7740, 79.4114, 64.4564



67.3410, 79.4114, 72.4712



70.4190, 79.4114, 112.9885

Rectangle

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



84.2458, 79.4114, 102.1545



85.2696, 79.4114, 77.7691



67.3410, 79.4114, 72.4712



66.4665, 79.4114, 95.7872

Sweetspot

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



84.2475, 79.4145, 102.1562



91.6948, 93.5890, 106.8587



74.2320, 74.1777, 105.0130



19.4955, 19.7820, 22.7915



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.



84.2475, 79.4145, 102.1562



82.6456, 76.3778, 101.1071



81.6865, 78.3901, 88.6700



18.6980, 18.2625, 22.2928



28.7476, 13.9883, 38.9167



2.8234, 1.3717, 3.9173

Inverse Universe

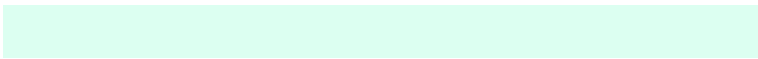
The Inverse Universe completely reimagines the original color for something new.



84.2475, 79.4145, 102.1562



82.6456, 76.3778, 101.1071



81.1545, 93.0875, 96.9113



18.6980, 18.2625, 22.2928



28.7476, 13.9883, 38.9167



2.8234, 1.3717, 3.9173

Previews

White Background



This preview shows how the XYZ color 84.2458, 79.4114, 102.1545 looks on a white background.

Color Contrast Check

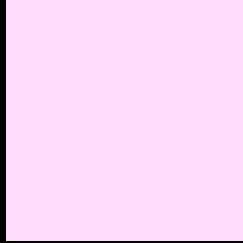
Large Text (above 18pt) WCAG AA × Fail

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 84.2458, 79.4114, 102.1545 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 84.2458, 79.4114, 102.1545

Background



This preview shows how black text looks on a background with the XYZ color 84.2458, 79.4114, 102.1545.

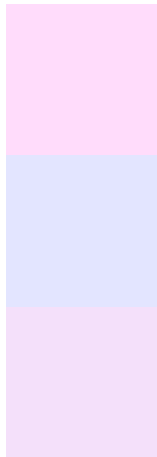


This preview shows how white text looks on a background with the XYZ color 84.2458, 79.4114,

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

84.2458, 79.4114, 102.1545

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.2192, 79.4465, 101.4965



Tritanopia

82.2093, 79.3572, 92.6459

Trichromacy



Original Color

84.2458, 79.4114, 102.1545

Protanomaly

80.0108, 79.5530, 104.9042

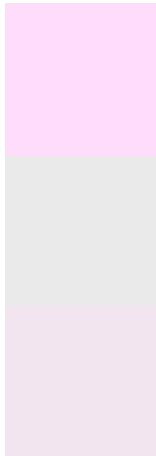
Deuteranomaly

82.3544, 79.6339, 101.4728

Tritanomaly

82.9072, 79.2548, 95.7220

Monochromacy



Original Color

84.2458, 79.4114, 102.1545

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.3654, 81.2071, 93.8769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2458, 79.4114, 102.1545 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, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 251)  
}
```

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, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.2458, 79.4114, 102.1545 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, 220, 251) }
```


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

```
.border{ border-color:rgb(255, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2458, 79.4114, 102.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 251) }
```

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

```
.background{ background-color: rgb(255,  
220, 251) }
```

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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