

Converting Colors

XYZ(84.1387, 79.3653,
101.6004)

Have a look what the booklet for
XYZ(84.1387, 79.3653, 101.6004)
contains.

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Color

**XYZ(84.0885, 79.3485,
101.3263)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCFA
RGB	255, 220, 250
RGB Percent	100%, 86%, 98%
CMY	0.0000, 0.1372, 0.0196
CMYK	0.00, 0.14, 0.02, 0.00
HSL	309°, 100%, 93%
HSV	309°, 14%, 100%
XYZ	84.0885, 79.3485, 101.3263
YIQ	233.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

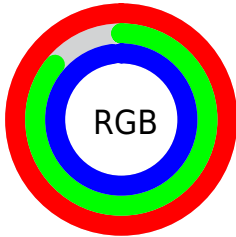
Format	Color
R_{YB}	255, 220, 250
Decimal	16768250
CIE _{Lab}	91.39, 17.10, -10.10
CIE _{LCh}	91, 19.861, 329.421
Yxy	79.3485, 0.3176, 0.2997
Android (android.graphics.Color)	4294958330 (0xFFFFDCFA)
YUV	233.8850, 7.9447, 18.5179
Hunter-Lab	89.0778, 12.6161, -5.0882

Details

The XYZ color **84.0885, 79.3485, 101.3263** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.8682, 92.1730, 84.8717**, and the grayscale version is **78.0572, 82.1223, 89.4312**.

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 **77.3343, 66.7450, 96.2850**, and if you desaturate by 10%, it is **91.8780, 94.0042, 106.7693**.

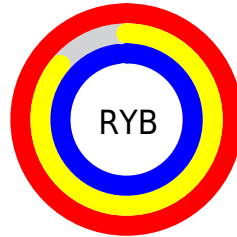
Distribution



Red (100%)

Green (86%)

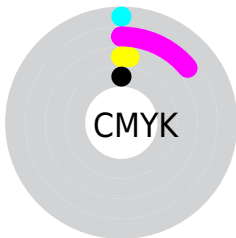
Blue (98%)



Red (100%)

Yellow (86%)

Blue (98%)

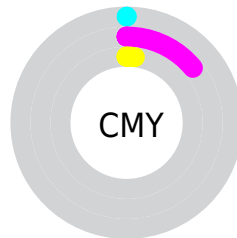


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.0885, 79.3485, 101.3263 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 84.0885, 79.3485, 101.3263 by changing the saturation by 10% instead.

84.0885, 79.3485,
101.3263

84.0885, 79.3485,
101.3263

497.1363,
492.7345, 585.7196

63.4085, 59.1824,
76.7856

138.0196,
132.4494, 165.0464

46.4316, 42.7600,
56.5664

172.0013,
166.1529, 205.0628

32.7926, 29.6968,
40.2502

211.1477,
205.1377, 251.0750

22.1261, 19.6086,
27.4184

255.8241,
249.7882, 303.5013

14.0667, 12.1108,
17.6525

306.3957,
300.4887, 362.7604

8.2491, 6.8192,
10.5339

363.2281,

4.3079, 3.3493,

357.6237, 429.2708

5.6442

426.6865,
421.5775, 503.4510

■ 1.8777, 1.3167,
2.5647

■ 0.5639, 0.1541,
0.8741

■ 84.0885, 79.3485,
101.3263

■ 84.0885, 79.3485,
101.3263

■ 77.3343, 66.7450,
96.2850

■ 91.8780, 94.0042,
106.7693

■ 71.5639, 56.0920,
91.6247

95.0500, 100.0000,
108.9000

■ 66.7295, 47.2935,
87.3302

■ 62.7770, 40.2414,
83.3832

■ 59.6467, 34.8164,
79.7635

■ 57.2715, 30.8846,
76.4483

■ 55.5736, 28.2903,
73.4116

■ 54.4581, 26.8438,
70.6212

■ 53.9703, 26.3521,
68.9671

Harmonies

Analogous

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



80.2882, 79.3485, 112.9464



84.0885, 79.3485, 101.3263



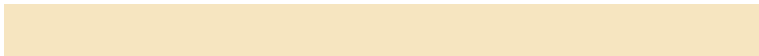
85.5479, 79.3485, 86.6781

Triad

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



84.0885, 79.3485, 101.3263



75.5165, 79.3485, 61.4717



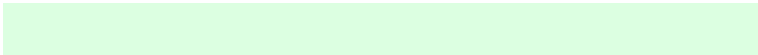
67.2748, 79.3485, 100.7864

Complementary

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



84.0885, 79.3485, 101.3263



78.8682, 92.1730, 84.8717

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.



66.1217, 79.3485, 86.1165



84.0885, 79.3485, 101.3263



70.7495, 79.3485, 64.3727

Square

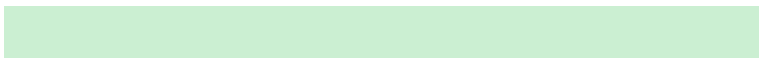
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0885, 79.3485, 101.3263



80.4654, 79.3485, 64.6038



67.3657, 79.3485, 73.0113



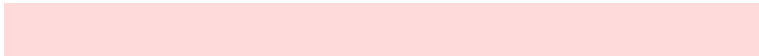
70.5869, 79.3485, 112.6110

Rectangle

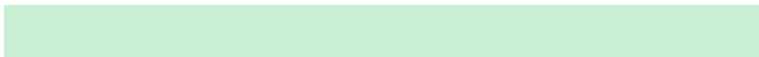
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0885, 79.3485, 101.3263



84.9491, 79.3485, 77.4784



67.3657, 79.3485, 73.0113



66.6286, 79.3485, 95.9751

Sweetspot

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



84.0903, 79.3517, 101.3280



91.6482, 93.5704, 106.6132



74.5938, 74.3643, 105.0300



19.4837, 19.7773, 22.7291



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.



84.0903, 79.3517, 101.3280



82.4630, 76.3047, 100.1453



81.5194, 78.3233, 87.7901



18.6745, 18.2531, 22.1691



28.2435, 13.7867, 36.2621



2.7792, 1.3541, 3.6847

Inverse Universe

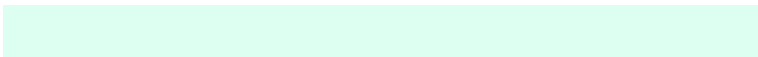
The Inverse Universe completely reimagines the original color for something new.



84.0903, 79.3517, 101.3280



82.4630, 76.3047, 100.1453



81.3293, 93.1575, 97.8321



18.6745, 18.2531, 22.1691



28.2435, 13.7867, 36.2621



2.7792, 1.3541, 3.6847

Previews

White Background



This preview shows how the XYZ color 84.0885, 79.3485, 101.3263 looks on a white background.

Color Contrast Check

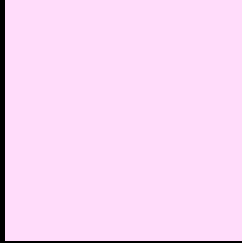
Large Text (above 18pt) WCAG AA × Fail

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 84.0885, 79.3485, 101.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

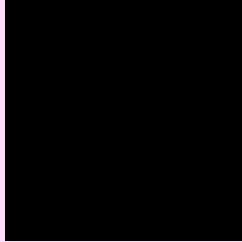
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.0885, 79.3485, 101.3263

Background



This preview shows how black text looks on a background with the XYZ color 84.0885, 79.3485, 101.3263.

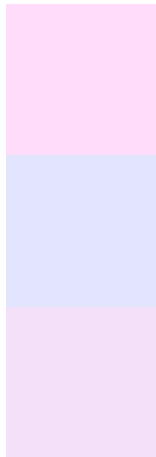


This preview shows how white text looks on a background with the XYZ color 84.0885, 79.3485,

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

84.0885, 79.3485, 101.3263

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.0628, 79.3840, 100.6727



Tritanopia

82.2093, 79.3572, 92.6459

Trichromacy



Original Color

84.0885, 79.3485, 101.3263

Protanomaly

79.8510, 79.4891, 104.0628

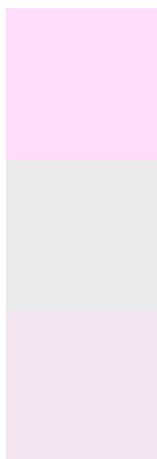
Deuteranomaly

82.1980, 79.5714, 100.6490

Tritanomaly

82.9072, 79.2548, 95.7220

Monochromacy



Original Color

84.0885, 79.3485, 101.3263

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 84.0885, 79.3485, 101.3263 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.0885, 79.3485, 101.3263 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, 250) }
```


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

```
.border{ border-color:rgb(255, 220, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0885, 79.3485, 101.3263 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
220, 250) }
```

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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