

Converting Colors

XYZ(85.4938, 81.3610,
104.2555)

Have a look what the booklet for
XYZ(85.4938, 81.3610, 104.2555)
contains.

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Color

**XYZ(85.3573, 81.1272,
104.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFFD
RGB	255, 223, 253
RGB Percent	100%, 87%, 99%
CMY	0.0000, 0.1255, 0.0078
CMYK	0.00, 0.13, 0.01, 0.00
HSL	304°, 100%, 94%
HSV	304°, 13%, 100%
XYZ	85.3573, 81.1272, 104.0888
YIQ	235.9880, 9.4420, 16.1140

Conversions

Conversions Part 2

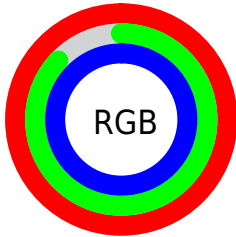
Format	Color
R_{YB}	255, 223, 253
Decimal	16769021
CIE _{Lab}	92.19, 16.07, -10.49
CIE _{LCh}	92, 19.188, 326.864
Yxy	81.1272, 0.3155, 0.2998
Android (android.graphics.Color)	4294959101 (0xFFFFDFFD)
YUV	235.9880, 8.3869, 16.6735
Hunter-Lab	90.0706, 11.5356, -5.4682

Details

The XYZ color **85.3573, 81.1272, 104.0888** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.7844, 92.6454, 84.9146**, and the grayscale version is **79.6541, 83.8023, 91.2607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2551, 43.9966, 58.2261** is the 20% darker color. If you saturate the color by 10%, you get **78.7984, 68.4134, 100.6568**, and if you desaturate by 10%, it is **92.9479, 95.9002, 107.8774**.

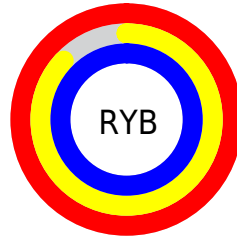
Distribution



Red (100%)

Green (87%)

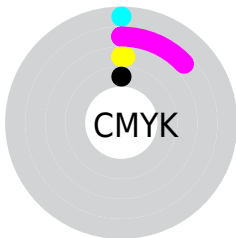
Blue (99%)



Red (100%)

Yellow (87%)

Blue (99%)

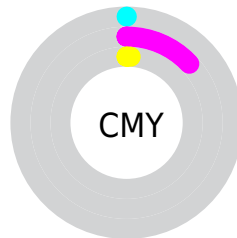


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3573, 81.1272, 104.0888 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 85.3573, 81.1272, 104.0888 by changing the saturation by 10% instead.


 85.3573, 81.1272,
104.0888

 85.3573, 81.1272,
104.0888


501.2755,
498.7235, 594.5820

 64.4601, 60.6464,
79.0838


139.7837,
134.9494, 168.8656

 47.2865, 43.9398,
58.4430

174.0437,
169.0595, 209.4744

 33.4711, 30.6232,
41.7478


213.4886,
208.4815, 256.1216

 22.6486, 20.3121,
28.5798

258.4839,
253.5997, 309.2257

 14.4535, 12.6221,
18.5203

309.3949,
304.7987, 369.2053

 8.5205, 7.1689,
11.1509

366.5869,

 4.4844, 3.5679,

362.4627, 436.4788

6.0530

430.4253,
426.9762, 511.4649

■ 1.9797, 1.4349,
2.8080

■ 0.6225, 0.2423,
0.9975

■ 85.3573, 81.1272,
104.0888

■ 85.3573, 81.1272,
104.0888

■ 78.7984, 68.4134,
100.6568

■ 92.9479, 95.9002,
107.8774

■ 73.2200, 57.6578,
97.5609

95.0500, 100.0000,
108.9000

■ 68.5749, 48.7652,
94.7865

■ 64.8095, 41.6287,
92.3158

■ 61.8650, 36.1307,
90.1290

■ 59.6753, 32.1390,
88.2042

■ 58.1643, 29.5011,
86.5159

■ 57.2395, 28.0326,
85.0333

■ 56.8305, 27.4962,
84.0283

Harmonies

Analogous

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



81.4906, 81.1272, 114.9522



85.3573, 81.1272, 104.0888



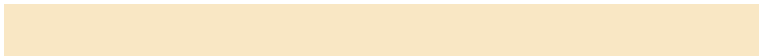
87.0091, 81.1272, 89.8336

Triad

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



85.3573, 81.1272, 104.0888



77.6309, 81.1272, 63.8143



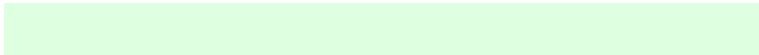
68.9255, 81.1272, 101.2333

Complementary

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



85.3573, 81.1272, 104.0888



79.7844, 92.6454, 84.9146

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.



67.9898, 81.1272, 86.8506



85.3573, 81.1272, 104.0888



72.8873, 81.1272, 66.1786

Square

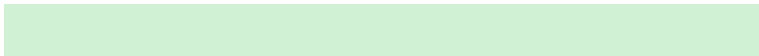
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



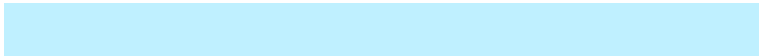
85.3573, 81.1272, 104.0888



82.4300, 81.1272, 67.4165



69.4099, 81.1272, 74.2545



72.0220, 81.1272, 113.1835

Rectangle

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



85.3573, 81.1272, 104.0888



86.5816, 81.1272, 80.6593



69.4099, 81.1272, 74.2545



68.3538, 81.1272, 96.4801

Sweetspot

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



85.3591, 81.1304, 104.0905



91.7795, 93.6229, 107.3046



75.3677, 75.9427, 105.2938



19.5170, 19.7906, 22.9048



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.



85.3591, 81.1304, 104.0905



83.6561, 77.8240, 103.2160



82.9743, 80.1765, 91.5324



18.7408, 18.2796, 22.5181



29.7162, 14.3758, 44.0174



2.9076, 1.4054, 4.3609

Inverse Universe

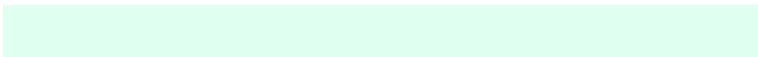
The Inverse Universe completely reimagines the original color for something new.



85.3591, 81.1304, 104.0905



83.6561, 77.8240, 103.2160



82.0111, 93.5361, 96.6400



18.7408, 18.2796, 22.5181



29.7162, 14.3758, 44.0174



2.9076, 1.4054, 4.3609

Previews

White Background



This preview shows how the XYZ color 85.3573, 81.1272, 104.0888 looks on a white background.

Color Contrast Check

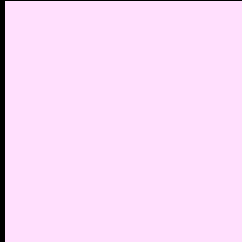
Large Text (above 18pt) WCAG AA × Fail

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 85.3573, 81.1272, 104.0888 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 85.3573, 81.1272, 104.0888

Background



This preview shows how black text looks on a background with the XYZ color 85.3573, 81.1272, 104.0888.

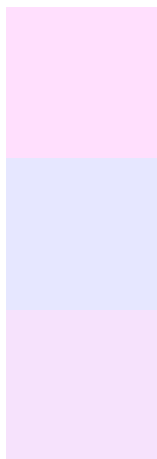


This preview shows how white text looks on a background with the XYZ color 85.3573, 81.1272,

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

85.3573, 81.1272, 104.0888

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

82.7731, 81.0138, 103.3701



Tritanopia

83.4602, 81.1439, 95.2679

Trichromacy



Original Color

85.3573, 81.1272, 104.0888

Protanomaly

81.2294, 80.9933, 105.1179

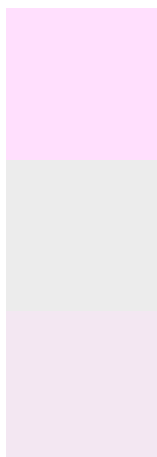
Deuteranomaly

83.5628, 81.0184, 103.3293

Tritanomaly

84.1633, 81.0360, 98.3944

Monochromacy



Original Color

85.3573, 81.1272, 104.0888

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.5651, 82.6173, 95.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3573, 81.1272, 104.0888 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, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 253)  
}
```

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, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 253) }
```

Border

The CSS property to change the border of an element to XYZ 85.3573, 81.1272, 104.0888 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, 223, 253) }
```


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

```
.border{ border-color:rgb(255, 223, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3573, 81.1272, 104.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 253) }
```

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

```
.background{ background-color: rgb(255,  
223, 253) }
```

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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