

Converting Colors

XYZ(98.8019, 87.9259,
102.8236)

Have a look what the booklet for
XYZ(98.8019, 87.9259, 102.8236)
contains.

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Color

**XYZ(85.0403, 81.0004,
102.4193)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFFB
RGB	255, 223, 251
RGB Percent	100%, 87%, 98%
CMY	0.0000, 0.1255, 0.0157
CMYK	0.00, 0.13, 0.02, 0.00
HSL	307°, 100%, 94%
HSV	307°, 13%, 100%
XYZ	85.0403, 81.0004, 102.4193
YIQ	235.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

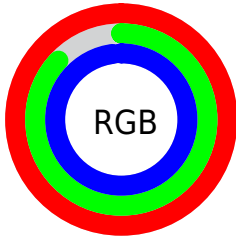
Format	Color
R_{YB}	255, 223, 251
Decimal	16769019
CIE _{Lab}	92.13, 15.71, -9.53
CIE _{LCh}	92, 18.376, 328.770
Yxy	81.0004, 0.3168, 0.3017
Android (android.graphics.Color)	4294959099 (0xFFFFDFFB)
YUV	235.7600, 7.5133, 16.8735
Hunter-Lab	90.0002, 11.1625, -4.4712

Details

The XYZ color **85.0403, 81.0004, 102.4193** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.0590, 92.7552, 86.3602**, and the grayscale version is **79.4859, 83.6254, 91.0680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0289, 43.9061, 57.0350** is the 20% darker color. If you saturate the color by 10%, you get **78.2358, 68.1884, 97.6943**, and if you desaturate by 10%, it is **92.8827, 95.8741, 107.5343**.

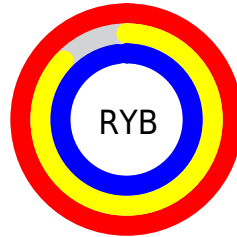
Distribution



Red (100%)

Green (87%)

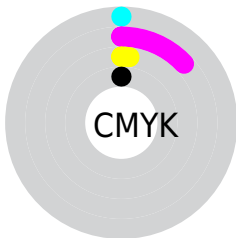
Blue (98%)



Red (100%)

Yellow (87%)

Blue (98%)

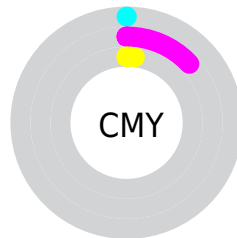


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0403, 81.0004, 102.4193 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 85.0403, 81.0004, 102.4193 by changing the saturation by 10% instead.


 85.0403, 81.0004,
102.4193

 85.0403, 81.0004,
102.4193


500.2431,
498.2979, 589.2344

 64.1973, 60.5419,
77.6944


139.3432,
134.7713, 166.5587

 47.0728, 43.8556,
57.3080


173.5338,
168.8526, 206.8103

 33.3014, 30.5570,
40.8416


212.9044,
208.2435, 253.0745

 22.5178, 20.2617,
27.8766

257.8201,
253.3286, 305.7700

 14.3566, 12.5855,
17.9944

308.6466,
304.4922, 365.3151

 8.4524, 7.1437,
10.7766

365.7489,

 4.4400, 3.5521,

362.1187, 432.1286

5.8045

429.4927,
426.5924, 506.6288

■ 1.9540, 1.4263,
2.6597

■ 0.6079, 0.2360,
0.9231

■ 85.0403, 81.0004,
102.4193

■ 85.0403, 81.0004,
102.4193

■ 78.2358, 68.1884,
97.6943

■ 92.8827, 95.8741,
107.5343

■ 72.4182, 57.3371,
93.3387

95.0500, 100.0000,
108.9000

■ 67.5401, 48.3513,
89.3375

■ 63.5480, 41.1241,
85.6728

■ 60.3830, 35.5379,
82.3247

■ 57.9789, 31.4604,
79.2710

■ 56.2596, 28.7393,
76.4860

■ 55.1327, 27.1898,
73.9388

■ 54.5769, 26.5948,
72.1611

Harmonies

Analogous

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



81.4548, 81.0004, 113.0868



85.0403, 81.0004, 102.4193



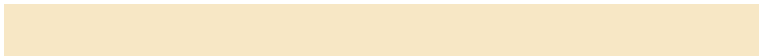
86.4558, 81.0004, 88.7565

Triad

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



85.0403, 81.0004, 102.4193



77.1840, 81.0004, 64.6079



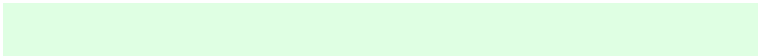
69.2793, 81.0004, 101.3521

Complementary

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



85.0403, 81.0004, 102.4193



80.0590, 92.7552, 86.3602

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.



68.2388, 81.0004, 87.6372



85.0403, 81.0004, 102.4193



72.6884, 81.0004, 67.2544

Square

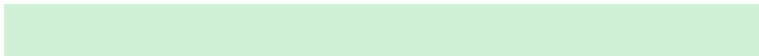
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0403, 81.0004, 102.4193



81.8067, 81.0004, 67.7226



69.4616, 81.0004, 75.3539



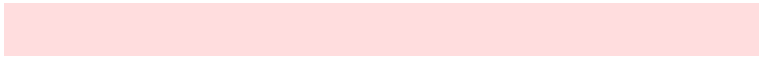
72.3632, 81.0004, 112.4276

Rectangle

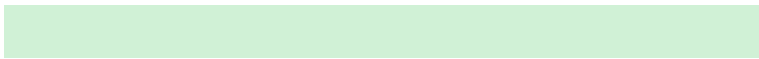
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0403, 81.0004, 102.4193



85.9359, 81.0004, 80.0675



69.4616, 81.0004, 75.3539



68.6847, 81.0004, 96.8561

Sweetspot

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



85.0420, 81.0036, 102.4210



91.6773, 93.5820, 106.7666



76.0354, 76.2869, 105.3251



19.4911, 19.7802, 22.7681



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.



85.0420, 81.0036, 102.4210



83.2782, 77.6728, 101.2262



82.6637, 80.0523, 89.8969



18.6892, 18.2590, 22.2464



28.5561, 13.9117, 37.9082



2.8066, 1.3650, 3.8291

Inverse Universe

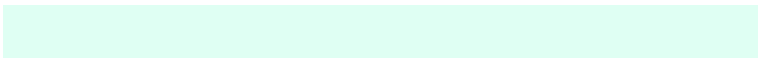
The Inverse Universe completely reimagines the original color for something new.



85.0420, 81.0036, 102.4210



83.2782, 77.6728, 101.2262



82.3310, 93.6640, 98.3245



18.6892, 18.2590, 22.2464



28.5561, 13.9117, 37.9082



2.8066, 1.3650, 3.8291

Previews

White Background



This preview shows how the XYZ color 85.0403, 81.0004, 102.4193 looks on a white background.

Color Contrast Check

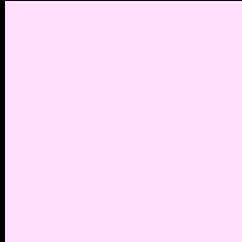
Large Text (above 18pt) WCAG AA × Fail

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 85.0403, 81.0004, 102.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

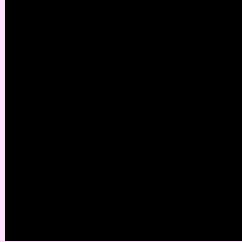
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0403, 81.0004, 102.4193

Background



This preview shows how black text looks on a background with the XYZ color 85.0403, 81.0004, 102.4193.

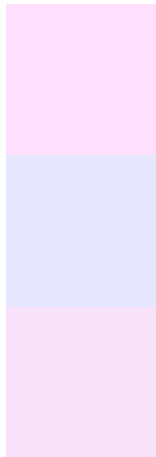


This preview shows how white text looks on a background with the XYZ color 85.0403, 81.0004,

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

85.0403, 81.0004, 102.4193

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

82.8094, 81.0690, 101.7258



Tritanopia

83.5557, 80.7929, 95.1951

Trichromacy



Original Color

85.0403, 81.0004, 102.4193

Protanomaly

81.2294, 80.9933, 105.1179

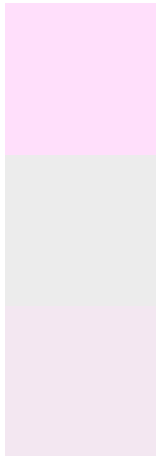
Deuteranomaly

83.6049, 81.0765, 101.6854

Tritanomaly

84.0101, 80.9747, 97.5881

Monochromacy



Original Color

85.0403, 81.0004, 102.4193

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.4152, 82.5574, 94.8632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0403, 81.0004, 102.4193 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 251) }
```

Border

The CSS property to change the border of an element to XYZ 85.0403, 81.0004, 102.4193 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, 251) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0403, 81.0004, 102.4193 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, 251) }
```

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

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