

Converting Colors

XYZ(81.4797, 73.8373,
101.3623)

Have a look what the booklet for
XYZ(81.4797, 73.8373, 101.3623)
contains.

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Color

**XYZ(81.4531, 73.8260,
101.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1FB
RGB	255, 209, 251
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1804, 0.0157
CMYK	0.00, 0.18, 0.02, 0.00
HSL	305°, 100%, 91%
HSV	305°, 18%, 100%
XYZ	81.4531, 73.8260, 101.2236
YIQ	227.5420, 13.9340, 22.8140

Conversions

Conversions Part 2

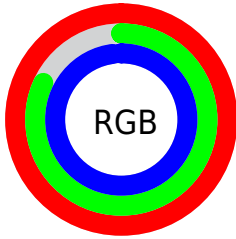
Format	Color
R _Y B	255, 209, 251
Decimal	16765435
CIE Lab	88.84, 23.03, -14.44
CIE LCh	89, 27.180, 327.917
Yxy	73.8260, 0.3176, 0.2878
Android (android.graphics.Color)	4294955515 (0xFFFFD1FB)
YUV	227.5420, 11.5648, 24.0807
Hunter-Lab	85.9221, 18.8523, -9.7033

Details

The XYZ color **81.4531, 73.8260, 101.2236** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.0670, 89.8805, 76.3987**, and the grayscale version is **73.3211, 77.1395, 84.0049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5819, 39.0120, 56.2193** is the 20% darker color. If you saturate the color by 10%, you get **75.3433, 62.1621, 97.4738**, and if you desaturate by 10%, it is **88.5715, 87.4998, 105.3318**.

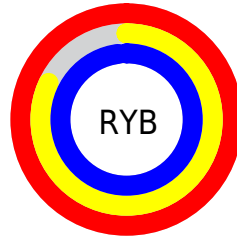
Distribution



Red (100%)

Green (82%)

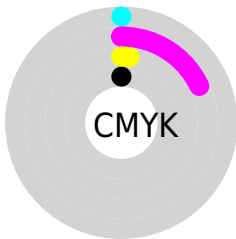
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

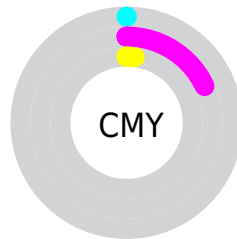


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4531, 73.8260, 101.2236 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 81.4531, 73.8260, 101.2236 by changing the saturation by 10% instead.

81.4531, 73.8260,
101.2236

81.4531, 73.8260,
101.2236

488.4788,
473.8726, 585.3887

61.2274, 54.6516,
76.7002

134.3466,
124.6491, 164.9042

44.6620, 39.1229,
56.4968

167.7452,
157.0667, 204.8985

31.3914, 26.8553,
40.1947

206.2654,
194.6674, 250.8869

21.0503, 17.4646,
27.3754

250.2726,
237.8357, 303.2879

13.2735, 10.5663,
17.6205

300.1322,
286.9560, 362.5200

7.6954, 5.7760,
10.5112

356.2095,

3.9508, 2.7094,

342.4126, 429.0018

5.6292

418.8699,
404.5901, 503.1519

■ 1.6744, 0.9820,
2.5558

■ 0.4401, 0.0000,
0.8695

■ 81.4531, 73.8260,
101.2236

■ 81.4531, 73.8260,
101.2236

■ 75.3433, 62.1621,
97.4738

■ 88.5715, 87.4998,
105.3318

■ 70.1897, 52.4044,
94.0618

95.0500, 100.0000,
108.9000

■ 65.9424, 44.4530,
90.9720

■ 62.5454, 38.1954,
88.1856

■ 59.9359, 33.5066,
85.6816

■ 58.0430, 30.2443,
83.4363

■ 56.7824, 28.2405,
81.4216

■ 56.0403, 27.2671,
79.5994

■ 55.9238, 27.1335,
79.2538

Harmonies

Analogous

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



76.2658, 73.8260, 116.8716



81.4531, 73.8260, 101.2236



83.5982, 73.8260, 81.7095

Triad

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



81.4531, 73.8260, 101.2236



70.6307, 73.8260, 49.3191



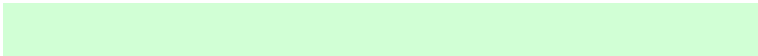
59.5655, 73.8260, 98.5842

Complementary

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



81.4531, 73.8260, 101.2236



74.0670, 89.8805, 76.3987

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.



58.2616, 73.8260, 79.0729



81.4531, 73.8260, 101.2236



64.4069, 73.8260, 52.4111

Square

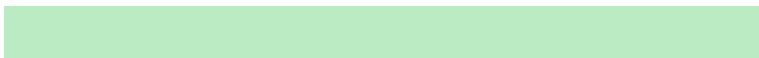
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4531, 73.8260, 101.2236



77.1117, 73.8260, 53.4086



59.9791, 73.8260, 62.6209



63.6568, 73.8260, 115.1878

Rectangle

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



81.4531, 73.8260, 101.2236



82.9195, 73.8260, 69.7369



59.9791, 73.8260, 62.6209



58.7983, 73.8260, 92.0631

Sweetspot

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



81.4547, 73.8289, 101.2252



90.9386, 92.0620, 106.6516



68.2457, 66.9458, 103.9326



19.3455, 19.4754, 22.7618



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.



81.4547, 73.8289, 101.2252



78.9150, 68.9707, 99.6968



78.0691, 72.4747, 83.3970



18.7205, 18.2715, 22.4115



29.2497, 14.1892, 41.5607



2.8671, 1.3892, 4.1478

Inverse Universe

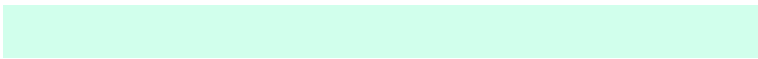
The Inverse Universe completely reimagines the original color for something new.



81.4547, 73.8289, 101.2252



78.9150, 68.9707, 99.6968



77.1726, 91.1227, 92.7528



18.7205, 18.2715, 22.4115



29.2497, 14.1892, 41.5607



2.8671, 1.3892, 4.1478

Previews

White Background



This preview shows how the XYZ color 81.4531, 73.8260, 101.2236 looks on a white background.

Color Contrast Check

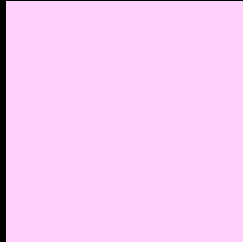
Large Text (above 18pt) WCAG AA × Fail

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 81.4531, 73.8260, 101.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

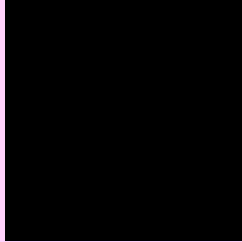
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4531, 73.8260, 101.2236

Background



This preview shows how black text looks on a background with the XYZ color 81.4531, 73.8260, 101.2236.



This preview shows how white text looks on a background with the XYZ color 81.4531, 73.8260,

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

81.4531, 73.8260, 101.2236

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.5160, 73.7889, 99.8851



Tritanopia

78.0820, 73.9411, 84.2854

Trichromacy



Original Color

81.4531, 73.8260, 101.2236

Protanomaly

75.6572, 73.7704, 104.0175

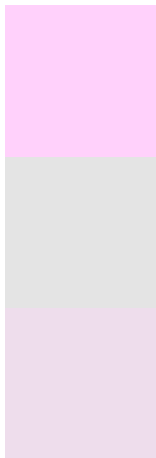
Deuteranomaly

77.5775, 73.6960, 100.5785

Tritanomaly

79.3376, 74.0840, 90.2389

Monochromacy



Original Color

81.4531, 73.8260, 101.2236

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.2567, 75.9462, 89.9968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4531, 73.8260, 101.2236 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, 209, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.4531, 73.8260, 101.2236 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, 209, 251) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4531, 73.8260, 101.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 251) }
```

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

```
.background{ background-color: rgb(255,  
209, 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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