

Converting Colors

XYZ(81.3269, 73.8148,
100.4384)

Have a look what the booklet for
XYZ(81.3269, 73.8148, 100.4384)
contains.

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Color

**XYZ(81.2958, 73.7631,
100.3954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1FA
RGB	255, 209, 250
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1804, 0.0196
CMYK	0.00, 0.18, 0.02, 0.00
HSL	307°, 100%, 91%
HSV	307°, 18%, 100%
XYZ	81.2958, 73.7631, 100.3954
YIQ	227.4280, 14.2550, 22.5030

Conversions

Conversions Part 2

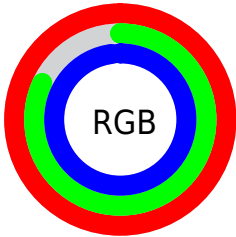
Format	Color
R _Y B	255, 209, 250
Decimal	16765434
CIE _{Lab}	88.81, 22.85, -13.95
CIE _{LCh}	89, 26.775, 328.589
Yxy	73.7631, 0.3182, 0.2888
Android (android.graphics.Color)	4294955514 (0xFFFFD1FA)
YUV	227.4280, 11.1280, 24.1806
Hunter-Lab	85.8854, 18.6616, -9.1870

Details

The XYZ color **81.2958, 73.7631, 100.3954** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.1944, 89.9314, 77.0695**, and the grayscale version is **73.2410, 77.0552, 83.9131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4699, 38.9672, 55.6297** is the 20% darker color. If you saturate the color by 10%, you get **75.1020, 62.0657, 96.2034**, and if you desaturate by 10%, it is **88.5005, 87.4715, 104.9579**.

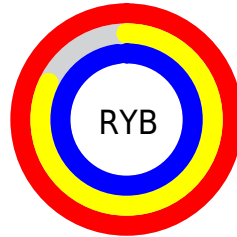
Distribution



Red (100%)

Green (82%)

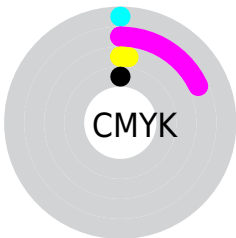
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

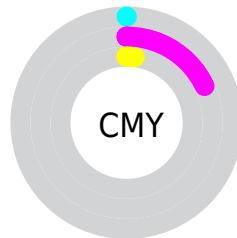


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2958, 73.7631, 100.3954 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 81.2958, 73.7631, 100.3954 by changing the saturation by 10% instead.

81.2958, 73.7631,
100.3954

81.2958, 73.7631,
100.3954

487.9594,
473.6553, 582.7171

61.0974, 54.6002,
76.0121

134.1270,
124.5599, 163.7571

44.5566, 39.0817,
55.9357

167.4905,
156.9626, 203.5725

31.3081, 26.8233,
39.7477

205.9731,
194.5473, 249.3690

20.9866, 17.4405,
27.0296

249.9401,
237.6985, 301.5652

13.2266, 10.5491,
17.3628

299.7568,
286.8005, 360.5795

7.6628, 5.7645,
10.3288

355.7888,

3.9299, 2.7024,

342.2377, 426.8306

5.5091

418.4012,
404.3945, 500.7370

■ 1.6626, 0.9784,
2.4850

■ 0.4327, 0.0000,
0.8322

■ 81.2958, 73.7631,
100.3954

■ 81.2958, 73.7631,
100.3954

■ 75.1020, 62.0657,
96.2034

■ 88.5005, 87.4715,
104.9579

■ 69.8667, 52.2753,
92.3612

95.0500, 100.0000,
108.9000

■ 65.5401, 44.2921,
88.8531

■ 62.0658, 38.0036,
85.6603

■ 59.3815, 33.2849,
82.7617

■ 57.4158, 29.9934,
80.1336

■ 56.0848, 27.9614,
77.7477

■ 55.2744, 26.9607,
75.5659

■ 55.1447, 26.8219,
75.1510

Harmonies

Analogous

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



76.2456, 73.7631, 115.9188



81.2958, 73.7631, 100.3954



83.3245, 73.7631, 81.1975

Triad

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



81.2958, 73.7631, 100.3954



70.4169, 73.7631, 49.6509



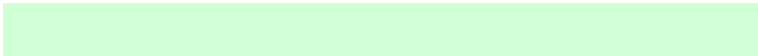
59.7236, 73.7631, 98.6395

Complementary

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



81.2958, 73.7631, 100.3954



74.1944, 89.9314, 77.0695

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.



58.3714, 73.7631, 79.4399



81.2958, 73.7631, 100.3954



64.3119, 73.7631, 52.8691

Square

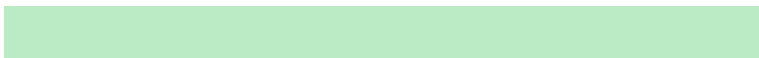
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2958, 73.7631, 100.3954



76.8091, 73.7631, 53.5369



59.9997, 73.7631, 63.1091



63.8115, 73.7631, 114.8001

Rectangle

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



81.2958, 73.7631, 100.3954



82.6012, 73.7631, 69.4636



59.9997, 73.7631, 63.1091



58.9455, 73.7631, 92.2425

Sweetspot

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



81.2974, 73.7660, 100.3970



90.8943, 92.0443, 106.4181



68.4684, 67.0606, 103.9431



19.3347, 19.4711, 22.7049



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.



81.2974, 73.7660, 100.3970



78.7242, 68.8943, 98.6919



77.9628, 72.4322, 82.8371



18.7026, 18.2644, 22.3170



28.8485, 14.0287, 39.4484



2.8322, 1.3753, 3.9638

Inverse Universe

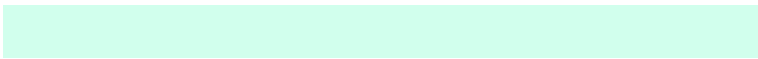
The Inverse Universe completely reimagines the original color for something new.



81.2974, 73.7660, 100.3970



78.7242, 68.8943, 98.6919



77.2842, 91.1674, 93.3403



18.7026, 18.2644, 22.3170



28.8485, 14.0287, 39.4484



2.8322, 1.3753, 3.9638

Previews

White Background



This preview shows how the XYZ color 81.2958, 73.7631, 100.3954 looks on a white background.

Color Contrast Check

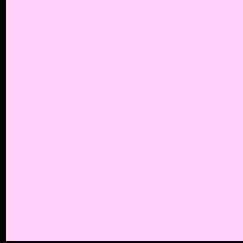
Large Text (above 18pt) WCAG AA × Fail

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 81.2958, 73.7631, 100.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

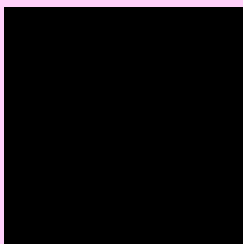
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2958, 73.7631, 100.3954

Background



This preview shows how black text looks on a background with the XYZ color 81.2958, 73.7631, 100.3954.



This preview shows how white text looks on a background with the XYZ color 81.2958, 73.7631,

100.3954.

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

81.2958, 73.7631, 100.3954

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.3604, 73.7267, 99.0657



Tritanopia

78.0820, 73.9411, 84.2854

Trichromacy



Original Color

81.2958, 73.7631, 100.3954

Protanomaly

75.4975, 73.7065, 103.1761

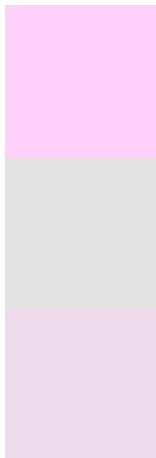
Deuteranomaly

77.4211, 73.6335, 99.7547

Tritanomaly

79.3376, 74.0840, 90.2389

Monochromacy



Original Color

81.2958, 73.7631, 100.3954

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.5136, 75.1891, 89.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2958, 73.7631, 100.3954 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 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, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.2958, 73.7631, 100.3954 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, 250) }
```


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

```
.border{ border-color:rgb(255, 209, 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, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2958, 73.7631, 100.3954 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, 250) }
```

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

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