

Converting Colors

XYZ(81.2794, 72.6679,
103.6652)

Have a look what the booklet for
XYZ(81.2794, 72.6679, 103.6652)
contains.

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Color

**XYZ(81.2007, 72.5584,
103.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEFE
RGB	255, 206, 254
RGB Percent	100%, 81%, 100%
CMY	0.0000, 0.1921, 0.0039
CMYK	0.00, 0.19, 0.00, 0.00
HSL	301°, 100%, 90%
HSV	301°, 19%, 100%
XYZ	81.2007, 72.5584, 103.4914
YIQ	226.1230, 13.7960, 25.3160

Conversions

Conversions Part 2

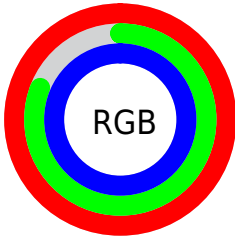
Format	Color
RYB	255, 206, 254
Decimal	16764670
CIELab	88.24, 25.14, -16.92
CIELCh	88, 30.306, 326.051
Yxy	72.5584, 0.3156, 0.2821
Android (android.graphics.Color)	4294954750 (0xFFFFCEFE)
YUV	226.1230, 13.7434, 25.3251
Hunter-Lab	85.1812, 21.0916, -12.4079

Details

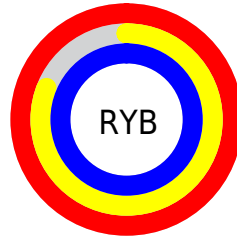
The XYZ color **81.2007, 72.5584, 103.4914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.4783, 89.1479, 72.4216**, and the grayscale version is **72.2760, 76.0400, 82.8075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4334, 38.1702, 57.8490** is the 20% darker color. If you saturate the color by 10%, you get **75.4700, 61.2297, 101.1720**, and if you desaturate by 10%, it is **87.9307, 85.8846, 106.1470**.

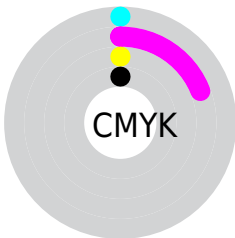
Distribution



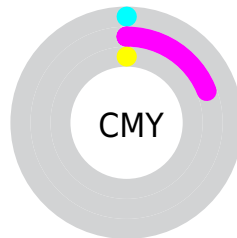
- Red (100%)
- Green (81%)
- Blue (100%)



- Red (100%)
- Yellow (81%)
- Blue (100%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2007, 72.5584, 103.4914 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 81.2007, 72.5584, 103.4914 by changing the saturation by 10% instead.

81.2007, 72.5584,
103.4914

81.2007, 72.5584,
103.4914

487.6452,
469.4829, 592.6714

61.0188, 53.6150,
78.5865

133.9942,
122.8501, 168.0405

44.4929, 38.2939,
58.0366

167.3365,
154.9671, 208.5218

31.2578, 26.2109,
41.4231

205.7963,
192.2442, 255.0323

20.9480, 16.9815,
28.3277

249.7390,
235.0656, 307.9905

13.1982, 10.2213,
18.3316

299.5298,
283.8157, 367.8149

7.6431, 5.5459,
11.0164

355.5343,

3.9173, 2.5710,

338.8791, 434.9242

5.9636

418.1176,
400.6400, 509.7368

■ 1.6555, 0.9121,
2.7545

■ 0.4282, 0.0000,
0.9707

■ 81.2007, 72.5584,
103.4914

■ 81.2007, 72.5584,
103.4914

■ 75.4700, 61.2297,
101.1720

■ 87.9307, 85.8846,
106.1470

■ 70.6858, 51.7940,
99.1683

95.0500, 100.0000,
108.9000

■ 66.7979, 44.1504,
97.4643

■ 63.7493, 38.1851,
96.0413

■ 61.4766, 33.7714,
94.8781

■ 59.9074, 30.7644,
93.9504

■ 58.9559, 28.9922,
93.2298

■ 58.4925, 28.1958,
92.6729

■ 58.4643, 28.1497,
92.6319

Harmonies

Analogous

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



75.2766, 72.5584, 120.6245



81.2007, 72.5584, 103.4914



83.8445, 72.5584, 81.7885

Triad

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



81.2007, 72.5584, 103.4914



69.9302, 72.5584, 45.4634



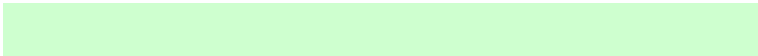
57.1715, 72.5584, 97.8877

Complementary

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



81.2007, 72.5584, 103.4914



72.4783, 89.1479, 72.4216

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.



55.9583, 72.5584, 76.2830



81.2007, 72.5584, 103.4914



63.0157, 72.5584, 48.2624

Square

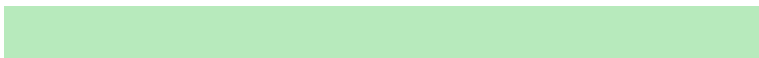
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



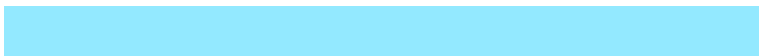
81.2007, 72.5584, 103.4914



77.0553, 72.5584, 50.2715



58.0239, 72.5584, 58.7199



61.4610, 72.5584, 117.0113

Rectangle

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



81.2007, 72.5584, 103.4914



83.2639, 72.5584, 68.4606



58.0239, 72.5584, 58.7199



56.4039, 72.5584, 90.5773

Sweetspot

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



81.2023, 72.5613, 103.4929



90.3117, 90.6036, 107.0730



65.8052, 64.6053, 103.6095



19.2249, 19.1838, 22.8771



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.



81.2023, 72.5613, 103.4929



78.9171, 68.0412, 102.5757



77.5516, 71.1010, 84.2686



18.7758, 18.2936, 22.7022



30.5561, 14.7117, 48.4405



2.9800, 1.4344, 4.7423

Inverse Universe

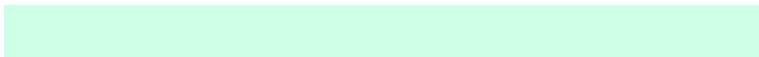
The Inverse Universe completely reimagines the original color for something new.



81.2023, 72.5613, 103.4929



78.9171, 68.0412, 102.5757



75.6842, 90.4302, 89.3039



18.7758, 18.2936, 22.7022



30.5561, 14.7117, 48.4405



2.9800, 1.4344, 4.7423

Previews

White Background



This preview shows how the XYZ color 81.2007, 72.5584, 103.4914 looks on a white background.

Color Contrast Check

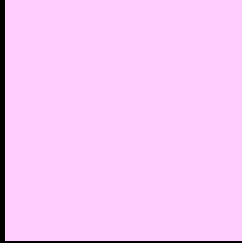
Large Text (above 18pt) WCAG AA × Fail

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 81.2007, 72.5584, 103.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

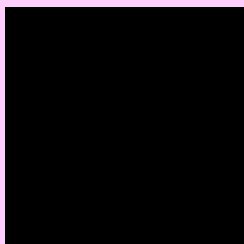
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2007, 72.5584, 103.4914

Background



This preview shows how black text looks on a background with the XYZ color 81.2007, 72.5584, 103.4914.



This preview shows how white text looks on a background with the XYZ color 81.2007, 72.5584,

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

81.2007, 72.5584, 103.4914

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.4397, 72.7980, 102.2235



Tritanopia

76.9431, 72.6438, 82.6394

Trichromacy



Original Color

81.2007, 72.5584, 103.4914

Protanomaly

74.9836, 72.6439, 104.6774

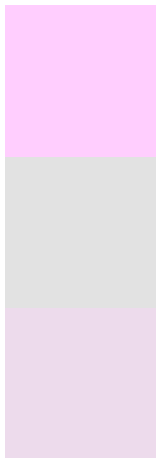
Deuteranomaly

76.5330, 72.3560, 102.8609

Tritanomaly

78.2314, 72.4108, 89.9742

Monochromacy



Original Color

81.2007, 72.5584, 103.4914

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

75.3969, 74.7237, 89.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2007, 72.5584, 103.4914 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, 206, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 254)  
}
```

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, 206, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.2007, 72.5584, 103.4914 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, 206, 254) }
```


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

```
.border{ border-color:rgb(255, 206, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 254); box-shadow:4px 4px 4px 4px rgb(255, 206, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2007, 72.5584, 103.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 254) }
```

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

```
.background{ background-color: rgb(255,  
206, 254) }
```

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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