

Converting Colors

XYZ(81.5900, 73.9200,
101.8235)

Have a look what the booklet for
XYZ(81.5900, 73.9200, 101.8235)
contains.

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Color

**XYZ(81.6112, 73.8892,
102.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1FC
RGB	255, 209, 252
RGB Percent	100%, 82%, 99%
CMY	0.0000, 0.1804, 0.0118
CMYK	0.00, 0.18, 0.01, 0.00
HSL	304°, 100%, 91%
HSV	304°, 18%, 100%
XYZ	81.6112, 73.8892, 102.0561
YIQ	227.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

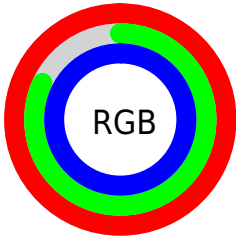
Format	Color
R _Y B	255, 209, 252
Decimal	16765436
CIE Lab	88.87, 23.21, -14.92
CIE LCh	89, 27.589, 327.265
Yxy	73.8892, 0.3169, 0.2869
Android (android.graphics.Color)	4294955516 (0xFFFFD1FC)
YUV	227.6560, 12.0016, 23.9807
Hunter-Lab	85.9588, 19.0439, -10.2219

Details

The XYZ color **81.6112, 73.8892, 102.0561** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.9403, 89.8298, 75.7321**, and the grayscale version is **73.4012, 77.2238, 84.0967**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6946, 39.0571, 56.8129** is the 20% darker color. If you saturate the color by 10%, you get **75.5865, 62.2594, 98.7546**, and if you desaturate by 10%, it is **88.6426, 87.5282, 105.7066**.

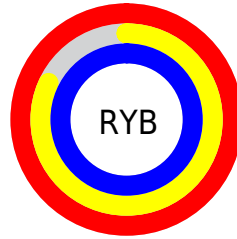
Distribution



Red (100%)

Green (82%)

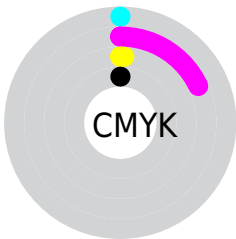
Blue (99%)



Red (100%)

Yellow (82%)

Blue (99%)

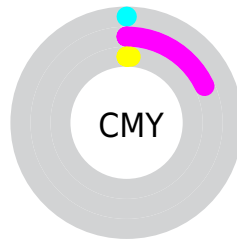


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.6112, 73.8892, 102.0561 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 81.6112, 73.8892, 102.0561 by changing the saturation by 10% instead.


 81.6112, 73.8892,
102.0561

 81.6112, 73.8892,
102.0561


489.0005,
474.0909, 588.0677

 61.3581, 54.7034,
77.3924


134.5673,
124.7387, 166.0563

 44.7679, 39.1643,
57.0615


168.0010,
157.1712, 206.2299

 31.4751, 26.8875,
40.6449

206.5590,
194.7880, 252.4105

 21.1145, 17.4888,
27.7241

250.6067,
237.9736, 305.0166

 13.3207, 10.5836,
17.8806

300.5093,
287.1122, 364.4669

 7.7283, 5.7876,
10.6957

356.6322,

 3.9719, 2.7163,

342.5884, 431.1798

5.7510

419.3408,
404.7865, 505.5739

■ 1.6862, 0.9855,
2.6280

■ 0.4476, 0.0000,
0.9068

■ 81.6112, 73.8892,
102.0561

■ 81.6112, 73.8892,
102.0561

■ 75.5865, 62.2594,
98.7546

■ 88.6426, 87.5282,
105.7066

■ 70.5162, 52.5350,
95.7816

95.0500, 100.0000,
108.9000

■ 66.3506, 44.6163,
93.1215

■ 63.0334, 38.3906,
90.7554

■ 60.5020, 33.7330,
88.6625

■ 58.6854, 30.5013,
86.8191

■ 57.4994, 28.5272,
85.1972

■ 56.8302, 27.5830,
83.7586

■ 56.7277, 27.4551,
83.4872

Harmonies

Analogous

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



76.2865, 73.8892, 117.8298



81.6112, 73.8892, 102.0561



83.8730, 73.8892, 82.2231

Triad

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



81.6112, 73.8892, 102.0561



70.8449, 73.8892, 48.9887



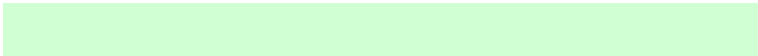
59.4079, 73.8892, 98.5305

Complementary

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



81.6112, 73.8892, 102.0561



73.9403, 89.8298, 75.7321

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.



58.1521, 73.8892, 78.7081



81.6112, 73.8892, 102.0561



64.5018, 73.8892, 51.9560

Square

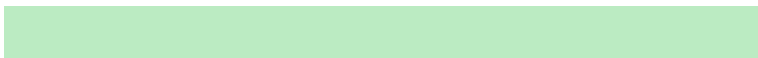
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.6112, 73.8892, 102.0561



77.4152, 73.8892, 53.2801



59.9584, 73.8892, 62.1359



63.5027, 73.8892, 115.5778

Rectangle

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



81.6112, 73.8892, 102.0561



83.2389, 73.8892, 70.0102



59.9584, 73.8892, 62.1359



58.6515, 73.8892, 91.8853

Sweetspot

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



81.6128, 73.8921, 102.0577



90.9830, 92.0798, 106.8855



67.8034, 66.7178, 103.9119



19.3563, 19.4797, 22.8189



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.



81.6128, 73.8921, 102.0577



79.1070, 69.0475, 100.7081



78.2831, 72.5602, 84.5241



18.7385, 18.2787, 22.5062



29.6633, 14.3546, 43.7390



2.9030, 1.4036, 4.3368

Inverse Universe

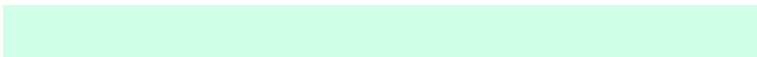
The Inverse Universe completely reimagines the original color for something new.



81.6128, 73.8921, 102.0577



79.1070, 69.0475, 100.7081



76.9509, 91.0341, 91.5856



18.7385, 18.2787, 22.5062



29.6633, 14.3546, 43.7390



2.9030, 1.4036, 4.3368

Previews

White Background



This preview shows how the XYZ color 81.6112, 73.8892, 102.0561 looks on a white background.

Color Contrast Check

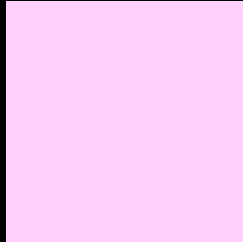
Large Text (above 18pt) WCAG AA × Fail

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 81.6112, 73.8892, 102.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

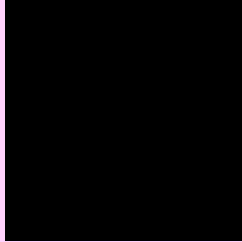
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6112, 73.8892, 102.0561

Background



This preview shows how black text looks on a background with the XYZ color 81.6112, 73.8892, 102.0561.



This preview shows how white text looks on a background with the XYZ color 81.6112, 73.8892,

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

81.6112, 73.8892, 102.0561

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.6724, 73.8515, 100.7089



Tritanopia

78.2221, 73.9971, 85.0230

Trichromacy



Original Color

81.6112, 73.8892, 102.0561

Protanomaly

75.6572, 73.7704, 104.0175

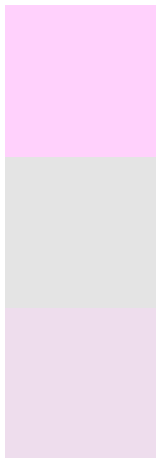
Deuteranomaly

77.7348, 73.7589, 101.4066

Tritanomaly

79.4841, 74.1427, 91.0106

Monochromacy



Original Color

81.6112, 73.8892, 102.0561

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.4024, 76.0045, 90.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6112, 73.8892, 102.0561 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 252) }
```

Border

The CSS property to change the border of an element to XYZ 81.6112, 73.8892, 102.0561 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, 252) }
```


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

```
.border{ border-color:rgb(255, 209, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6112, 73.8892, 102.0561 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
209, 252) }
```

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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