

Converting Colors

XYZ(81.0512, 73.2739,
100.3139)

Have a look what the booklet for
XYZ(81.0512, 73.2739, 100.3139)
contains.

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Color

**XYZ(81.0512, 73.2739,
100.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0FA
RGB	255, 208, 250
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1843, 0.0196
CMYK	0.00, 0.18, 0.02, 0.00
HSL	306°, 100%, 91%
HSV	306°, 18%, 100%
XYZ	81.0512, 73.2739, 100.3139
YIQ	226.8410, 14.5300, 23.0260

Conversions

Conversions Part 2

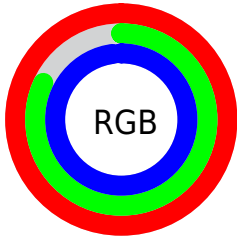
Format	Color
R _Y B	255, 208, 250
Decimal	16765178
CIE _{Lab}	88.58, 23.38, -14.30
CIE _{LCh}	89, 27.404, 328.541
Yxy	73.2739, 0.3183, 0.2878
Android (android.graphics.Color)	4294955258 (0xFFFFD0FA)
YUV	226.8410, 11.4174, 24.6954
Hunter-Lab	85.6002, 19.2138, -9.5612

Details

The XYZ color **81.0512, 73.2739, 100.3139** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7849, 89.7351, 76.3855**, and the grayscale version is **72.8120, 76.6039, 83.4216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3056, 38.6385, 55.5749** is the 20% darker color. If you saturate the color by 10%, you get **74.9049, 61.6567, 96.1826**, and if you desaturate by 10%, it is **88.2064, 86.8983, 104.8136**.

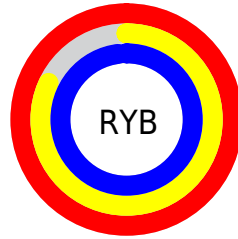
Distribution



Red (100%)

Green (82%)

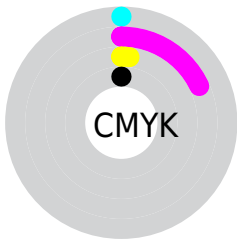
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

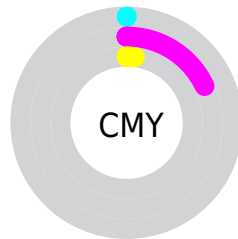


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0512, 73.2739, 100.3139 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 81.0512, 73.2739, 100.3139 by changing the saturation by 10% instead.

81.0512, 73.2739,
100.3139

81.0512, 73.2739,
100.3139

487.1512,
471.9636, 582.4539

60.8952, 54.2000,
75.9444

133.7854,
123.8660, 163.6441

44.3928, 38.7615,
55.8805

167.0944,
156.1529, 203.4419

31.1787, 26.5743,
39.7038

205.5184,
193.6129, 249.2195

20.8874, 17.2537,
26.9956

249.4227,
236.6304, 301.3955

13.1537, 10.4156,
17.3375

299.1728,
285.5899, 360.3884

7.6122, 5.6754,
10.3109

355.1341,

3.8975, 2.6487,

340.8756, 426.6167

5.4973

417.6717,
402.8720, 500.4990

■ 1.6443, 0.9512,
2.4781

■ 0.4210, 0.0000,
0.8285

■ 81.0512, 73.2739,
100.3139

■ 81.0512, 73.2739,
100.3139

■ 74.9049, 61.6567,
96.1826

■ 88.2064, 86.8983,
104.8136

■ 69.7148, 51.9427,
92.3992

95.0500, 100.0000,
108.9000

■ 65.4310, 44.0315,
88.9478

■ 61.9971, 37.8102,
85.8094

■ 59.3501, 33.1534,
82.9631

■ 57.4185, 29.9178,
80.3848

■ 56.1177, 27.9341,
78.0461

■ 55.3291, 26.9652,
75.9075

■ 55.2264, 26.8546,
75.5813

Harmonies

Analogous

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



75.8914, 73.2739, 116.1966



81.0512, 73.2739, 100.3139



83.1299, 73.2739, 80.7129

Triad

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



81.0512, 73.2739, 100.3139



69.9687, 73.2739, 48.6624



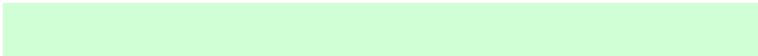
59.0715, 73.2739, 98.4560

Complementary

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



81.0512, 73.2739, 100.3139



73.7849, 89.7351, 76.3855

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.



57.7028, 73.2739, 78.8599



81.0512, 73.2739, 100.3139



63.7504, 73.2739, 51.9027

Square

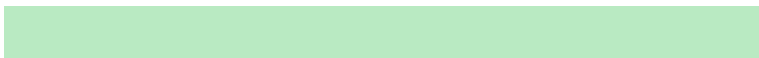
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0512, 73.2739, 100.3139



76.4863, 73.2739, 52.6014



59.3619, 73.2739, 62.2636



63.2236, 73.2739, 115.0102

Rectangle

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



81.0512, 73.2739, 100.3139



82.3949, 73.2739, 68.7656



59.3619, 73.2739, 62.2636



58.2827, 73.2739, 91.9181

Sweetspot

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



81.0528, 73.2768, 100.3154



90.1009, 90.5193, 105.9631



67.9625, 66.4367, 103.8493



19.1749, 19.1638, 22.6138



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.



81.0528, 73.2768, 100.3154



78.7444, 68.9024, 98.7985



77.6353, 71.9098, 82.3191



18.7045, 18.2651, 22.3270



28.8906, 14.0455, 39.6700



2.8359, 1.3767, 3.9831

Inverse Universe

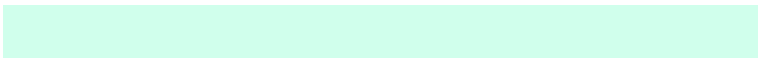
The Inverse Universe completely reimagines the original color for something new.



81.0528, 73.2768, 100.3154



78.7444, 68.9024, 98.7985



76.9438, 90.9986, 93.0202



18.7045, 18.2651, 22.3270



28.8906, 14.0455, 39.6700



2.8359, 1.3767, 3.9831

Previews

White Background



This preview shows how the XYZ color 81.0512, 73.2739, 100.3139 looks on a white background.

Color Contrast Check

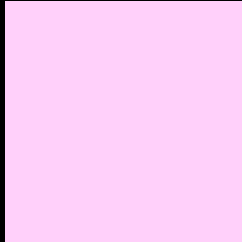
Large Text (above 18pt) WCAG AA × Fail

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 81.0512, 73.2739, 100.3139 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 81.0512, 73.2739, 100.3139

Background



This preview shows how black text looks on a background with the XYZ color 81.0512, 73.2739, 100.3139.



This preview shows how white text looks on a background with the XYZ color 81.0512, 73.2739,

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

81.0512, 73.2739, 100.3139

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.0348, 73.5588, 99.0504



Tritanopia

77.6920, 73.3839, 83.4685

Trichromacy



Original Color

81.0512, 73.2739, 100.3139



Protanomaly

74.9186, 73.0266, 103.0754



Deuteranomaly

77.0806, 73.4580, 99.7387



Tritanomaly

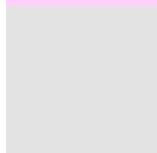
78.9426, 73.5273, 89.3883

Monochromacy



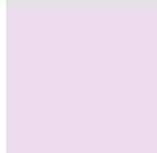
Original Color

81.0512, 73.2739, 100.3139



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 81.0512, 73.2739, 100.3139 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, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.0512, 73.2739, 100.3139 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, 208, 250) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0512, 73.2739, 100.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 250) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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