

Converting Colors

XYZ(93.1823, 79.6218,
103.9795)

Have a look what the booklet for
XYZ(93.1823, 79.6218, 103.9795)
contains.

XYZ(81.6853, 73.5275, 103.6529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.6853, 73.5275,
103.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0FE
RGB	255, 208, 254
RGB Percent	100%, 82%, 100%
CMY	0.0000, 0.1843, 0.0039
CMYK	0.00, 0.18, 0.00, 0.00
HSL	301°, 100%, 91%
HSV	301°, 18%, 100%
XYZ	81.6853, 73.5275, 103.6529
YIQ	227.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 208, 254
Decimal	16765182
CIE Lab	88.70, 24.09, -16.23
CIE LCh	89, 29.047, 326.031
Yxy	73.5275, 0.3156, 0.2840
Android (android.graphics.Color)	4294955262 (0xFFFFD0FE)
YUV	227.2970, 13.1646, 24.2955
Hunter-Lab	85.7482, 19.9831, -11.6464

Details

The XYZ color **81.6853, 73.5275, 103.6529** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2832, 89.5344, 73.7439**, and the grayscale version is **73.1317, 76.9402, 83.7879**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7580, 38.8194, 57.9572** is the 20% darker color. If you saturate the color by 10%, you get **75.8746, 62.0446, 101.2895**, and if you desaturate by 10%, it is **88.4988, 87.0152, 106.3539**.

Distribution



- Red (100%)
- Green (82%)
- Blue (100%)



- Red (100%)
- Yellow (82%)
- Blue (100%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6853, 73.5275, 103.6529 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 81.6853, 73.5275, 103.6529 by changing the saturation by 10% instead.

81.6853, 73.5275,
103.6529

81.6853, 73.5275,
103.6529

489.2449,
472.8410, 593.1882

61.4194, 54.4074,
78.7209

134.6707,
124.2258, 168.2636

44.8175, 38.9275,
58.1464

168.1209,
156.5727, 208.7794

31.5144, 26.7033,
41.5109

206.6967,
194.0975, 255.3269

21.1446, 17.3505,
28.3958

250.7632,
237.1843, 308.3245

13.3428, 10.4847,
18.3826

300.6859,
286.2177, 368.1910

7.7437, 5.7215,
11.0527

356.8302,

3.9818, 2.6765,

341.5820, 435.3447

5.9877

419.5614,
403.6617, 510.2043

■ 1.6918, 0.9653,
2.7689

■ 0.4511, 0.0000,
0.9779

■ 81.6853, 73.5275,
103.6529

■ 81.6853, 73.5275,
103.6529

■ 75.8746, 62.0446,
101.2895

■ 88.4988, 87.0152,
106.3539

■ 71.0144, 52.4625,
99.2430

95.0500, 100.0000,
108.9000

■ 67.0547, 44.6809,
97.4979

■ 63.9390, 38.5870,
96.0354

■ 61.6045, 34.0551,
94.8345

■ 59.9796, 30.9422,
93.8714

■ 58.9798, 29.0789,
93.1178

■ 58.4865, 28.2282,
92.5342

■ 58.4297, 28.1359,
92.4495

Harmonies

Analogous

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



75.9767, 73.5275, 120.0492



81.6853, 73.5275, 103.6529



84.2308, 73.5275, 82.7641

Triad

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



81.6853, 73.5275, 103.6529



70.8240, 73.5275, 47.3620



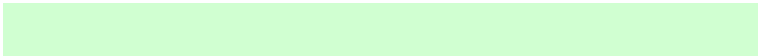
58.4478, 73.5275, 98.2454

Complementary

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



81.6853, 73.5275, 103.6529



73.2832, 89.5344, 73.7439

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.



57.2694, 73.5275, 77.4134



81.6853, 73.5275, 103.6529



64.1292, 73.5275, 50.1110

Square

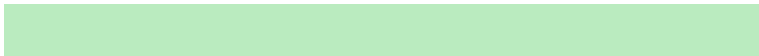
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.6853, 73.5275, 103.6529



77.7002, 73.5275, 52.0942



59.2809, 73.5275, 60.3481



62.6135, 73.5275, 116.5784

Rectangle

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



81.6853, 73.5275, 103.6529



83.6744, 73.5275, 69.8536



59.2809, 73.5275, 60.3481



57.7016, 73.5275, 91.2129

Sweetspot

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



81.6869, 73.5304, 103.6545



90.3095, 90.6028, 107.0618



66.8421, 65.8591, 103.7969



19.2244, 19.1836, 22.8745



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.



81.6869, 73.5304, 103.6545



79.4990, 69.2043, 102.7724



78.1815, 72.1282, 85.1954



18.7750, 18.2933, 22.6984



30.5383, 14.7046, 48.3467



2.9785, 1.4338, 4.7343

Inverse Universe

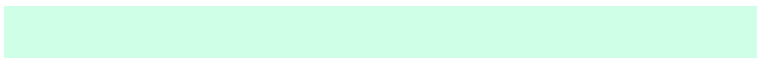
The Inverse Universe completely reimagines the original color for something new.



81.6869, 73.5304, 103.6545



79.4990, 69.2043, 102.7724



76.3802, 90.7732, 90.0525



18.7750, 18.2933, 22.6984



30.5383, 14.7046, 48.3467



2.9785, 1.4338, 4.7343

Previews

White Background



This preview shows how the XYZ color 81.6853, 73.5275, 103.6529 looks on a white background.

Color Contrast Check

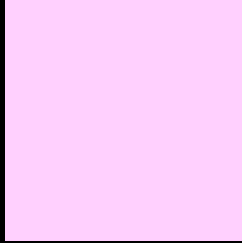
Large Text (above 18pt) WCAG AA × Fail

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 81.6853, 73.5275, 103.6529 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 81.6853, 73.5275, 103.6529

Background



This preview shows how black text looks on a background with the XYZ color 81.6853, 73.5275, 103.6529.



This preview shows how white text looks on a background with the XYZ color 81.6853, 73.5275,

103.6529.

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

81.6853, 73.5275, 103.6529

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.3385, 73.6429, 102.3392



Tritanopia

77.4700, 73.2533, 84.1849

Trichromacy



Original Color

81.6853, 73.5275, 103.6529

Protanomaly

75.2390, 73.1547, 104.7625

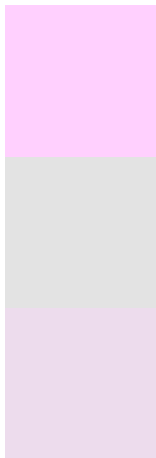
Deuteranomaly

77.7114, 73.7102, 103.0602

Tritanomaly

78.8718, 73.4570, 90.9106

Monochromacy



Original Color

81.6853, 73.5275, 103.6529

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.8043, 75.3053, 90.6608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6853, 73.5275, 103.6529 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.6853, 73.5275, 103.6529 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, 254) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6853, 73.5275, 103.6529 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, 254) }
```

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

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