

Converting Colors

XYZ(92.4685, 79.6918, 98.2222)

Have a look what the booklet for
XYZ(92.4685, 79.6918, 98.2222)
contains.

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Color

**XYZ(80.8290, 73.5763,
97.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F7
RGB	255, 209, 247
RGB Percent	100%, 82%, 97%
CMY	0.0000, 0.1804, 0.0314
CMYK	0.00, 0.18, 0.03, 0.00
HSL	310°, 100%, 91%
HSV	310°, 18%, 100%
XYZ	80.8290, 73.5763, 97.9372
YIQ	227.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

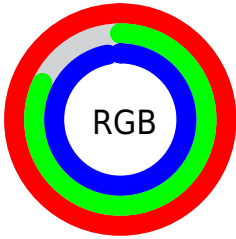
Format	Color
R_{YB}	255, 209, 247
Decimal	16765431
CIE _{Lab}	88.72, 22.32, -12.51
CIE _{LCh}	89, 25.587, 330.743
Yxy	73.5763, 0.3203, 0.2916
Android (android.graphics.Color)	4294955511 (0xFFFFD1F7)
YUV	227.0860, 9.8176, 24.4806
Hunter-Lab	85.7766, 18.0950, -7.6519

Details

The XYZ color **80.8290, 73.5763, 97.9372** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.5811, 90.0861, 79.1061**, and the grayscale version is **73.0008, 76.8025, 83.6379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2483, 38.8786, 54.4624** is the 20% darker color. If you saturate the color by 10%, you get **74.3903, 61.7809, 92.4555**, and if you desaturate by 10%, it is **88.2884, 87.3866, 103.8415**.

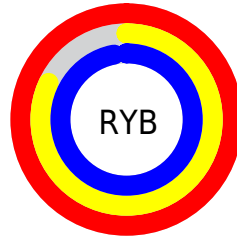
Distribution



Red (100%)

Green (82%)

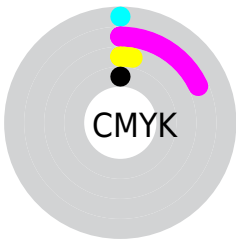
Blue (97%)



Red (100%)

Yellow (82%)

Blue (97%)

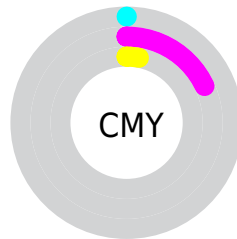


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8290, 73.5763, 97.9372 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 80.8290, 73.5763, 97.9372 by changing the saturation by 10% instead.

80.8290, 73.5763,
97.9372

80.8290, 73.5763,
97.9372

486.4163,
473.0097, 574.7488

60.7116, 54.4473,
73.9717

133.4750,
124.2950, 160.3466

44.2441, 38.9594,
54.2742

166.7344,
156.6535, 199.6275

31.0612, 26.7281,
38.4263

205.1051,
194.1907, 244.8507

20.7975, 17.3692,
26.0093

248.9525,
237.2908, 296.4346

13.0877, 10.4980,
16.6048

298.6420,
286.3384, 354.7979

7.5664, 5.7304,
9.7941

354.5389,

3.8682, 2.6819,

341.7179, 420.3589

5.1589

417.0085,
403.8135, 493.5364

■ 1.6278, 0.9680,
2.2804

■ 0.4105, 0.0000,
0.7202

■ 80.8290, 73.5763,
97.9372

■ 80.8290, 73.5763,
97.9372

■ 74.3903, 61.7809,
92.4555

■ 88.2884, 87.3866,
103.8415

■ 68.9199, 51.8965,
87.3753

95.0500, 100.0000,
108.9000

■ 64.3679, 43.8232,
82.6805

■ 60.6779, 37.4484,
78.3516

■ 57.7874, 32.6472,
74.3673

■ 55.6249, 29.2771,
70.7032

■ 54.1066, 27.1701,
67.3307

■ 53.1181, 26.0982,
64.2112

■ 52.9545, 25.9458,
63.6179

Harmonies

Analogous

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



76.1892, 73.5763, 113.0949



80.8290, 73.5763, 97.9372



82.5102, 73.5763, 79.6713

Triad

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



80.8290, 73.5763, 97.9372



69.7780, 73.5763, 50.6538



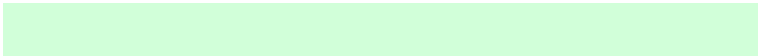
60.2008, 73.5763, 98.8143

Complementary

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



80.8290, 73.5763, 97.9372



74.5811, 90.0861, 79.1061

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.



58.7019, 73.5763, 80.5545



80.8290, 73.5763, 97.9372



64.0273, 73.5763, 54.2600

Square

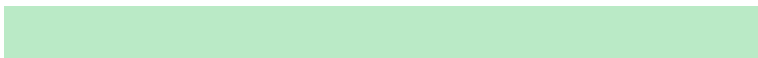
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



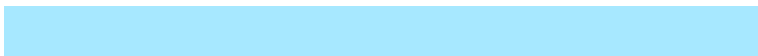
80.8290, 73.5763, 97.9372



75.9067, 73.5763, 53.9202



60.0613, 73.5763, 64.5927



64.2794, 73.5763, 113.6515

Rectangle

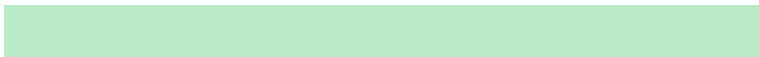
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8290, 73.5763, 97.9372



81.6536, 73.5763, 68.6446



60.0613, 73.5763, 64.5927



59.3897, 73.5763, 92.7905

Sweetspot

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



80.8306, 73.5792, 97.9387



90.7616, 91.9912, 105.7195



69.3696, 67.5251, 103.9852



19.3024, 19.4581, 22.5346



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.



80.8306, 73.5792, 97.9387



78.1591, 68.6683, 95.7164



77.5422, 72.2639, 80.6224



18.6491, 18.2429, 22.0352



27.7195, 13.5771, 33.5032



2.7330, 1.3356, 3.4415

Inverse Universe

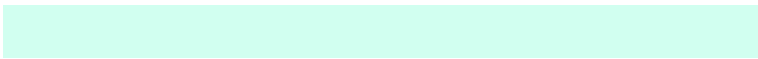
The Inverse Universe completely reimagines the original color for something new.



80.8306, 73.5792, 97.9387



78.1591, 68.6683, 95.7164



77.7351, 91.3477, 95.7150



18.6491, 18.2429, 22.0352



27.7195, 13.5771, 33.5032



2.7330, 1.3356, 3.4415

Previews

White Background



This preview shows how the XYZ color 80.8290, 73.5763, 97.9372 looks on a white background.

Color Contrast Check

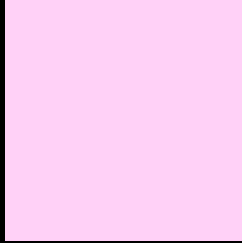
Large Text (above 18pt) WCAG AA × Fail

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 80.8290, 73.5763, 97.9372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

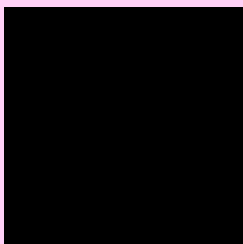
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.8290, 73.5763, 97.9372

Background



This preview shows how black text looks on a background with the XYZ color 80.8290, 73.5763, 97.9372.



This preview shows how white text looks on a background with the XYZ color 80.8290, 73.5763,

97.9372.

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

80.8290, 73.5763, 97.9372

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

75.2260, 73.7107, 96.6490



Tritanopia

77.8312, 73.4396, 84.2018

Trichromacy



Original Color

80.8290, 73.5763, 97.9372

Protanomaly

75.3385, 73.6429, 102.3392

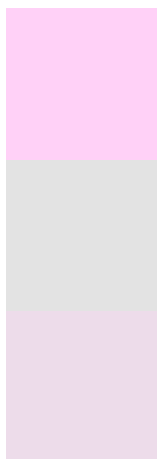
Deuteranomaly

77.2991, 73.6242, 97.3256

Tritanomaly

78.9426, 73.5273, 89.3883

Monochromacy



Original Color

80.8290, 73.5763, 97.9372

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.3695, 75.1314, 88.3713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8290, 73.5763, 97.9372 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.8290, 73.5763, 97.9372 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, 247) }
```


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

```
.border{ border-color:rgb(255, 209, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8290, 73.5763, 97.9372 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
209, 247) }
```

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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