

Converting Colors

XYZ(98.0333, 80.3257, 98.4013)

Have a look what the booklet for
XYZ(98.0333, 80.3257, 98.4013)
contains.

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Color

**XYZ(79.3844, 70.6873,
97.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBF7
RGB	255, 203, 247
RGB Percent	100%, 80%, 97%
CMY	0.0000, 0.2039, 0.0314
CMYK	0.00, 0.20, 0.03, 0.00
HSL	309°, 100%, 90%
HSV	309°, 20%, 100%
XYZ	79.3844, 70.6873, 97.4557
YIQ	223.5640, 16.8680, 24.7080

Conversions

Conversions Part 2

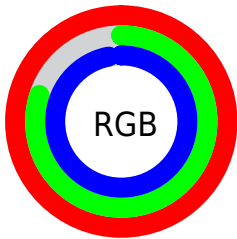
Format	Color
R _Y B	255, 203, 247
Decimal	16763895
CIE Lab	87.33, 25.47, -14.58
CIE LCh	87, 29.350, 330.207
Yxy	70.6873, 0.3207, 0.2856
Android (android.graphics.Color)	4294953975 (0xFFFFCBF7)
YUV	223.5640, 11.5539, 27.5694
Hunter-Lab	84.0757, 21.4073, -9.8725

Details

The XYZ color **79.3844, 70.6873, 97.4557** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1487, 88.9207, 74.9919**, and the grayscale version is **70.4539, 74.1230, 80.7199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4401, 37.2622, 54.1930** is the 20% darker color. If you saturate the color by 10%, you get **73.2518, 59.3803, 92.4568**, and if you desaturate by 10%, it is **86.5234, 83.9858, 102.8547**.

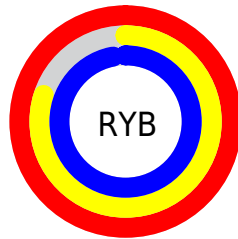
Distribution



Red (100%)

Green (80%)

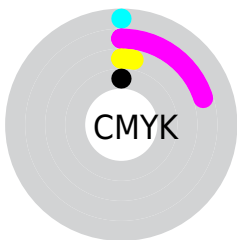
Blue (97%)



Red (100%)

Yellow (80%)

Blue (97%)

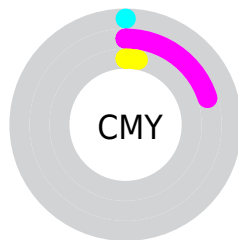


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3844, 70.6873, 97.4557 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 79.3844, 70.6873, 97.4557 by changing the saturation by 10% instead.

 79.3844, 70.6873,
97.4557

 79.3844, 70.6873,
97.4557


481.6240,
462.9596, 573.1811

 59.5186, 52.0871,
73.5724


131.4550,
120.1884, 159.6776

 43.2787, 37.0745,
53.9495


164.3905,
151.8580, 198.8532

 30.2993, 25.2652,
38.1684


202.4133,
188.6528, 243.9634

 20.2151, 16.2747,
25.8105

245.8887,
230.9573, 295.4266

 12.6607, 9.7188,
16.4575

295.1821,
279.1559, 353.6615

 7.2707, 5.2129,
9.6906

350.6589,

 3.6798, 2.3727,

333.6328, 419.0865

5.0914

412.6844,
394.7726, 492.1201

■ 1.5226, 0.8118,
2.2413

■ 0.3411, 0.0000,
0.6981

■ 79.3844, 70.6873,
97.4557

■ 79.3844, 70.6873,
97.4557

■ 73.2518, 59.3803,
92.4568

■ 86.5234, 83.9858,
102.8547

■ 68.0722, 49.9596,
87.8372

94.7091, 99.3575,
108.6649

■ 63.7947, 42.3230,
83.5804

95.0500, 100.0000,
108.9000

■ 60.3619, 36.3556,
79.6667

■ 57.7091, 31.9285,
76.0745

■ 55.7628, 28.8945,
72.7786

■ 54.4347, 27.0773,
69.7493

■ 53.6051, 26.2060,
67.0436

Harmonies

Analogous

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



74.0927, 70.6873, 114.7422



79.3844, 70.6873, 97.4557



81.3625, 70.6873, 76.8289

Triad

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



79.3844, 70.6873, 97.4557



67.1381, 70.6873, 44.8504



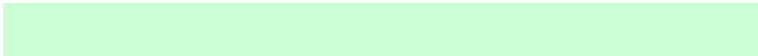
56.3490, 70.6873, 97.7350

Complementary

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



79.3844, 70.6873, 97.4557



72.1487, 88.9207, 74.9919

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.



54.7602, 70.6873, 77.1042



79.3844, 70.6873, 97.4557



60.7227, 70.6873, 48.5512

Square

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



79.3844, 70.6873, 97.4557



74.0039, 70.6873, 48.4500



56.3062, 70.6873, 59.5713



60.8005, 70.6873, 114.9219

Rectangle

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



79.3844, 70.6873, 97.4557



80.4373, 70.6873, 64.5607



56.3062, 70.6873, 59.5713



55.4766, 70.6873, 90.8676

Sweetspot

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



79.3860, 70.6902, 97.4572



89.9851, 90.4730, 105.3536



66.2155, 63.7548, 103.4237



19.1475, 19.1529, 22.4693



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.



79.3860, 70.6902, 97.4572



77.0582, 66.3830, 95.6070



75.6757, 69.2060, 77.9187



18.6655, 18.2495, 22.1216



28.0551, 13.7113, 35.2703



2.7626, 1.3474, 3.5975

Inverse Universe

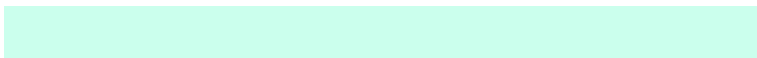
The Inverse Universe completely reimagines the original color for something new.



79.3860, 70.6902, 97.4572



77.0582, 66.3830, 95.6070



75.6474, 90.3202, 93.4157



18.6655, 18.2495, 22.1216



28.0551, 13.7113, 35.2703



2.7626, 1.3474, 3.5975

Previews

White Background



This preview shows how the XYZ color 79.3844, 70.6873, 97.4557 looks on a white background.

Color Contrast Check

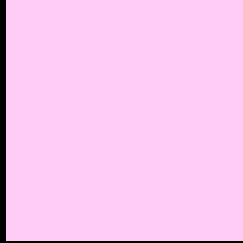
Large Text (above 18pt) WCAG AA × Fail

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 79.3844, 70.6873, 97.4557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

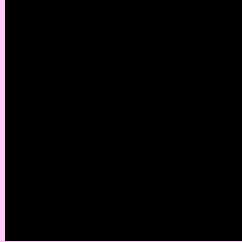
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3844, 70.6873, 97.4557

Background



This preview shows how black text looks on a background with the XYZ color 79.3844, 70.6873, 97.4557.



This preview shows how white text looks on a background with the XYZ color 79.3844, 70.6873,

97.4557.

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

79.3844, 70.6873, 97.4557

Protanopia

70.0142, 70.8428, 104.5916

Deuteranopia

72.2706, 70.6751, 96.2188



Tritanopia

75.7770, 70.6488, 79.4547

Trichromacy



Original Color

79.3844, 70.6873, 97.4557

Protanomaly

73.1091, 70.6092, 101.8711

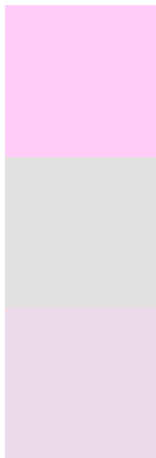
Deuteranomaly

74.6949, 70.4319, 96.8466

Tritanomaly

77.1448, 70.8515, 85.9537

Monochromacy



Original Color

79.3844, 70.6873, 97.4557

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.3823, 72.6001, 86.4895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3844, 70.6873, 97.4557 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, 203, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 247) }
```

Border

The CSS property to change the border of an element to XYZ 79.3844, 70.6873, 97.4557 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, 203, 247) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3844, 70.6873, 97.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 247) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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