

Converting Colors

XYZ(93.5339, 77.8266,
101.3428)

Have a look what the booklet for
XYZ(93.5339, 77.8266, 101.3428)
contains.

XYZ(80.0085, 70.9369, 100.7421)	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(80.0085, 70.9369,
100.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBFB
RGB	255, 203, 251
RGB Percent	100%, 80%, 98%
CMY	0.0000, 0.2039, 0.0157
CMYK	0.00, 0.20, 0.02, 0.00
HSL	305°, 100%, 90%
HSV	305°, 20%, 100%
XYZ	80.0085, 70.9369, 100.7421
YIQ	224.0200, 15.5840, 25.9520

Conversions

Conversions Part 2

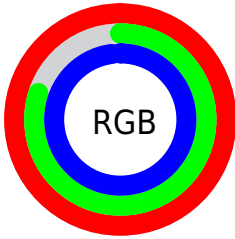
Format	Color
R_{YB}	255, 203, 251
Decimal	16763899
CIE _{Lab}	87.45, 26.18, -16.52
CIE _{LCh}	87, 30.953, 327.751
Yxy	70.9369, 0.3179, 0.2818
Android (android.graphics.Color)	4294953979 (0xFFFFCBFB)
YUV	224.0200, 13.3011, 27.1695
Hunter-Lab	84.2240, 22.1737, -11.9611

Details

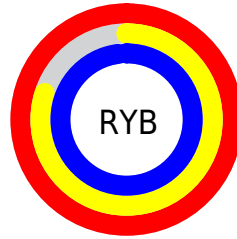
The XYZ color **80.0085, 70.9369, 100.7421** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.6532, 88.7225, 72.3830**, and the grayscale version is **70.7675, 74.4529, 81.0792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7738, 37.3957, 55.9499** is the 20% darker color. If you saturate the color by 10%, you get **74.1674, 59.7465, 97.2786**, and if you desaturate by 10%, it is **86.8464, 84.1150, 104.5556**.

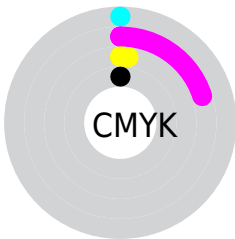
Distribution



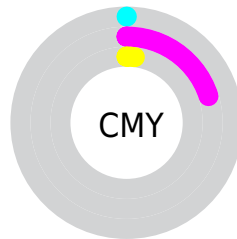
- Red (100%)
- Green (80%)
- Blue (98%)



- Red (100%)
- Yellow (80%)
- Blue (98%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0085, 70.9369, 100.7421 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 80.0085, 70.9369, 100.7421 by changing the saturation by 10% instead.

80.0085, 70.9369,
100.7421

80.0085, 70.9369,
100.7421

483.6976,
463.8328, 583.8363

60.0338, 52.2907,
76.3001

132.3281,
120.5439, 164.2374

43.6955, 37.2368,
56.1705

165.4038,
152.2734, 204.1278

30.6281, 25.3909,
39.9347

203.5772,
189.1329, 250.0047

20.4662, 16.3685,
27.1743

247.2137,
231.5067, 302.2867

12.8446, 9.7853,
17.4705

296.6787,
279.7792, 361.3923

7.3979, 5.2568,
10.4050

352.3374,

3.7607, 2.3987,

334.3348, 427.7401

5.5592

414.5552,
395.5579, 501.7486

■ 1.5677, 0.8252,
2.5146

■ 0.3712, 0.0000,
0.8479

■ 80.0085, 70.9369,
100.7421

■ 80.0085, 70.9369,
100.7421

■ 74.1674, 59.7465,
97.2786

■ 86.8464, 84.1150,
104.5556

■ 69.2699, 50.4386,
94.1443

94.7213, 99.3624,
108.7297

■ 65.2651, 42.9112,
91.3234

95.0500, 100.0000,
108.9000

■ 62.0956, 37.0490,
88.7966

■ 59.6970, 32.7236,
86.5423

■ 57.9955, 29.7876,
84.5360

■ 56.9032, 28.0647,
82.7482

■ 56.2916, 27.2807,
81.1908

Harmonies

Analogous

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



74.1746, 70.9369, 118.5678



80.0085, 70.9369, 100.7421



82.4484, 70.9369, 78.8266

Triad

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



80.0085, 70.9369, 100.7421



67.9758, 70.9369, 43.6234



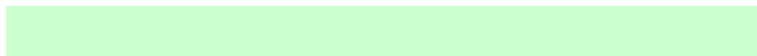
55.7458, 70.9369, 97.5152

Complementary

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



80.0085, 70.9369, 100.7421



71.6532, 88.7225, 72.3830

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.



54.3446, 70.9369, 75.6713



80.0085, 70.9369, 100.7421



61.0948, 70.9369, 46.8384

Square

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



80.0085, 70.9369, 100.7421



75.1961, 70.9369, 47.9778



56.2325, 70.9369, 57.7078



60.2057, 70.9369, 116.4807

Rectangle

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



80.0085, 70.9369, 100.7421



81.6986, 70.9369, 65.6158



56.2325, 70.9369, 57.7078



54.9162, 70.9369, 90.1579

Sweetspot

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



80.0101, 70.9397, 100.7436



90.1729, 90.5481, 106.3426



64.9922, 63.1241, 103.3665



19.1920, 19.1707, 22.7038



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.



80.0101, 70.9397, 100.7436



77.7887, 66.6751, 99.4535



76.2613, 69.4402, 81.0025



18.7288, 18.2748, 22.4551



29.4390, 14.2649, 42.5576



2.8836, 1.3958, 4.2344

Inverse Universe

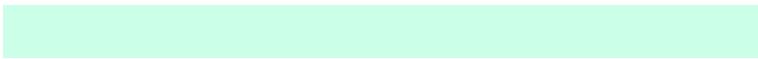
The Inverse Universe completely reimagines the original color for something new.



80.0101, 70.9397, 100.7436



77.7887, 66.6751, 99.4535



75.0224, 90.0702, 90.1250



18.7288, 18.2748, 22.4551



29.4390, 14.2649, 42.5576



2.8836, 1.3958, 4.2344

Previews

White Background



This preview shows how the XYZ color 80.0085, 70.9369, 100.7421 looks on a white background.

Color Contrast Check

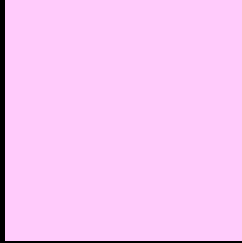
Large Text (above 18pt) WCAG AA × Fail

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 80.0085, 70.9369, 100.7421 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 80.0085, 70.9369, 100.7421

Background



This preview shows how black text looks on a background with the XYZ color 80.0085, 70.9369, 100.7421.



This preview shows how white text looks on a background with the XYZ color 80.0085, 70.9369,

100.7421.

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

80.0085, 70.9369, 100.7421

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.8240, 71.2636, 99.5395



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

80.0085, 70.9369, 100.7421



Protanomaly

73.6786, 71.2382, 103.6330



Deuteranomaly

75.2270, 70.9998, 100.1819



Tritanomaly

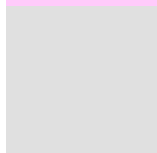
77.0675, 70.7786, 87.4416

Monochromacy



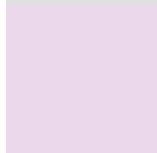
Original Color

80.0085, 70.9369, 100.7421



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

73.6681, 72.7144, 87.9945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0085, 70.9369, 100.7421 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 251) }
```

Border

The CSS property to change the border of an element to XYZ 80.0085, 70.9369, 100.7421 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, 251) }
```


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

```
.border{ border-color:rgb(255, 203, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0085, 70.9369, 100.7421 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
203, 251) }
```

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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