

Converting Colors

XYZ(123.1587, 92.8657,
102.7889)

Have a look what the booklet for
XYZ(123.1587, 92.8657, 102.7889)
contains.

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Color

**XYZ(79.7731, 70.4661,
100.6636)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAFB
RGB	255, 202, 251
RGB Percent	100%, 79%, 98%
CMY	0.0000, 0.2078, 0.0157
CMYK	0.00, 0.21, 0.02, 0.00
HSL	305°, 100%, 90%
HSV	305°, 21%, 100%
XYZ	79.7731, 70.4661, 100.6636
YIQ	223.4330, 15.8590, 26.4750

Conversions

Conversions Part 2

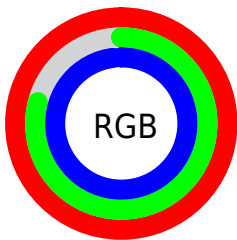
Format	Color
R _Y B	255, 202, 251
Decimal	16763643
CIE Lab	87.22, 26.70, -16.86
CIE LCh	87, 31.581, 327.731
Yxy	70.4661, 0.3179, 0.2809
Android (android.graphics.Color)	4294953723 (0xFFFFCAF _B)
YUV	223.4330, 13.5905, 27.6843
Hunter-Lab	83.9441, 22.7286, -12.3382

Details

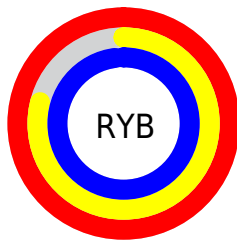
The XYZ color **79.7731, 70.4661, 100.6636** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.2598, 88.5338, 71.7284**, and the grayscale version is **70.3470, 74.0106, 80.5975**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6162, 37.0806, 55.8974** is the 20% darker color. If you saturate the color by 10%, you get **73.9756, 59.3538, 97.2431**, and if you desaturate by 10%, it is **86.5654, 83.5624, 104.4329**.

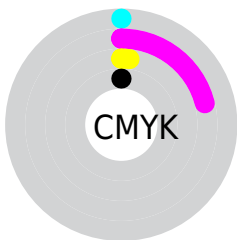
Distribution



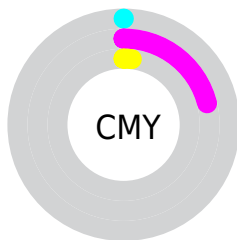
- Red (100%)
- Green (79%)
- Blue (98%)



- Red (100%)
- Yellow (79%)
- Blue (98%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7731, 70.4661, 100.6636 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 79.7731, 70.4661, 100.6636 by changing the saturation by 10% instead.

79.7731, 70.4661,
100.6636

79.7731, 70.4661,
100.6636

482.9160,
462.1849, 583.5830

59.8395, 51.9066,
76.2349

131.9989,
119.8732, 164.1286

43.5382, 36.9306,
56.1173

165.0217,
151.4896, 204.0021

30.5040, 25.1538,
39.8924

203.1384,
188.2271, 249.8608

20.3714, 16.1917,
27.1415

246.7142,
230.4701, 302.1233

12.7751, 9.6599,
17.4461

296.1145,
278.6030, 361.2083

7.3498, 5.1740,
10.3878

351.7047,

3.7301, 2.3497,

333.0101, 427.5342

5.5479

413.8501,
394.0760, 501.5196

■ 1.5506, 0.7998,
2.5079

■ 0.3599, 0.0000,
0.8443

■ 79.7731, 70.4661,
100.6636

■ 79.7731, 70.4661,
100.6636

■ 73.9756, 59.3538,
97.2431

■ 86.5654, 83.5624,
104.4329

■ 69.1197, 50.1199,
94.1506

■ 94.3929, 98.7245,
108.5615

■ 65.1542, 42.6622,
91.3701

■ 95.0500, 100.0000,
108.9000

■ 62.0214, 36.8649,
88.8822

■ 59.6568, 32.5990,
86.6654

■ 57.9861, 29.7161,
84.6949

■ 56.9205, 28.0387,
82.9410

■ 56.3453, 27.3021,
81.4732

Harmonies

Analogous

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



73.8337, 70.4661, 118.8546



79.7731, 70.4661, 100.6636



82.2610, 70.4661, 78.3542

Triad

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



79.7731, 70.4661, 100.6636



67.5422, 70.4661, 42.7219



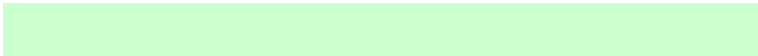
55.1287, 70.4661, 97.3437

Complementary

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



79.7731, 70.4661, 100.6636



71.2598, 88.5338, 71.7284

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.



53.7122, 70.4661, 75.1197



79.7731, 70.4661, 100.6636



60.5565, 70.4661, 45.9536

Square

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



79.7731, 70.4661, 100.6636



74.8824, 70.4661, 47.1123



55.6262, 70.4661, 56.9195



59.6465, 70.4661, 116.7026

Rectangle

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



79.7731, 70.4661, 100.6636



81.4993, 70.4661, 64.9467



55.6262, 70.4661, 56.9195



54.2894, 70.4661, 89.8489

Sweetspot

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



79.7747, 70.4689, 100.6651



90.1765, 90.5495, 106.3613



64.4976, 62.5197, 103.2759



19.1929, 19.1710, 22.7083



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.



79.7747, 70.4689, 100.6651



77.2104, 65.5448, 99.1804



75.9484, 68.9384, 80.5162



18.7300, 18.2753, 22.4615



29.4666, 14.2759, 42.7029



2.8860, 1.3968, 4.2470

Inverse Universe

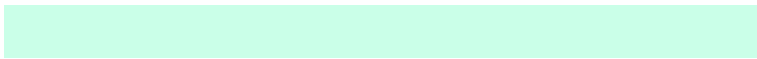
The Inverse Universe completely reimagines the original color for something new.



79.7747, 70.4689, 100.6651



77.2104, 65.5448, 99.1804



74.6893, 89.9056, 89.7876



18.7300, 18.2753, 22.4615



29.4666, 14.2759, 42.7029



2.8860, 1.3968, 4.2470

Previews

White Background



This preview shows how the XYZ color 79.7731, 70.4661, 100.6636 looks on a white background.

Color Contrast Check

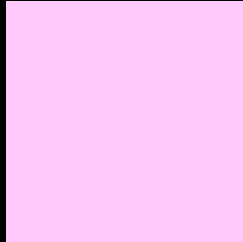
Large Text (above 18pt) WCAG AA × Fail

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 79.7731, 70.4661, 100.6636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

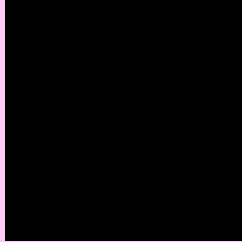
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7731, 70.4661, 100.6636

Background



This preview shows how black text looks on a background with the XYZ color 79.7731, 70.4661, 100.6636.



This preview shows how white text looks on a background with the XYZ color 79.7731, 70.4661,

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

79.7731, 70.4661, 100.6636

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

72.2572, 70.5968, 99.4407



Tritanopia

75.4158, 70.4626, 79.4378

Trichromacy



Original Color

79.7731, 70.4661, 100.6636



Protanomaly

73.1114, 70.5736, 103.5346



Deuteranomaly

74.9808, 70.5076, 100.0999



Tritanomaly

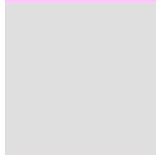
76.6842, 70.2413, 86.6070

Monochromacy



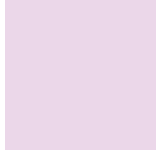
Original Color

79.7731, 70.4661, 100.6636



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.2694, 72.1462, 87.1547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7731, 70.4661, 100.6636 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, 202, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.7731, 70.4661, 100.6636 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, 202, 251) }
```


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

```
.border{ border-color:rgb(255, 202, 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, 202, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7731, 70.4661, 100.6636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 251) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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