

Converting Colors

XYZ(77.4656, 69.0322,
103.8642)

Have a look what the booklet for
XYZ(77.4656, 69.0322, 103.8642)
contains.

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Color

**XYZ(77.5283, 69.2352,
103.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CAFF
RGB	247, 202, 255
RGB Percent	97%, 79%, 100%
CMY	0.0314, 0.2078, 0.0000
CMYK	0.03, 0.21, 0.00, 0.00
HSL	291°, 100%, 90%
HSV	291°, 21%, 100%
XYZ	77.5283, 69.2352, 103.8853
YIQ	221.4970, 9.8070, 26.0230

Conversions

Conversions Part 2

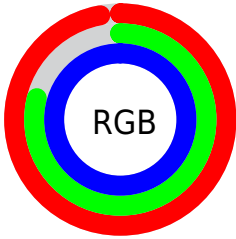
Format	Color
R _Y B	247, 202, 255
Decimal	16239359
CIE Lab	86.62, 24.84, -19.96
CIE LCh	87, 31.868, 321.220
Yxy	69.2352, 0.3093, 0.2762
Android (android.graphics.Color)	4294429439 (0xFFF7CAFF)
YUV	221.4970, 16.5170, 22.3661
Hunter-Lab	83.2077, 20.7029, -15.7785

Details

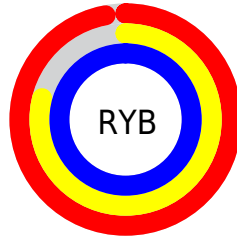
The XYZ color **77.5283, 69.2352, 103.8853** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0007, 89.4867, 69.3056**, and the grayscale version is **68.9609, 72.5522, 79.0093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0182, 36.2042, 58.1996** is the 20% darker color. If you saturate the color by 10%, you get **70.6897, 57.5512, 101.9905**, and if you desaturate by 10%, it is **85.3873, 82.9165, 106.1118**.

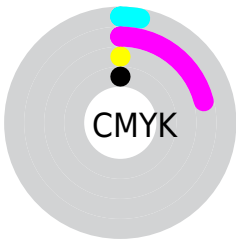
Distribution



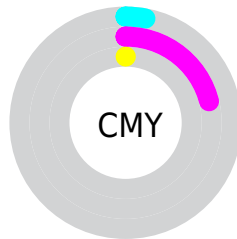
- Red (97%)
- Green (79%)
- Blue (100%)



- Red (97%)
- Yellow (79%)
- Blue (100%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5283, 69.2352, 103.8853 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 77.5283, 69.2352, 103.8853 by changing the saturation by 10% instead.

77.5283, 69.2352,
103.8853

77.5283, 69.2352,
103.8853

475.4278,
457.8601, 593.9315

57.9880, 50.9033,
78.9144

128.8538,
118.1174, 168.5846

42.0422, 36.1316,
58.3045

161.3698,
149.4366, 209.1500

29.3256, 24.5359,
41.6372

198.9417,
185.8535, 255.7507

19.4728, 15.7316,
28.4939

241.9349,
227.7528, 308.8051

12.1184, 9.3344,
18.4560

290.7148,
275.5186, 368.7319

6.8972, 4.9600,
11.1050

345.6466,

3.4436, 2.2238,

329.5356, 435.9495

6.0225

407.0958,
390.1879, 510.8765

■ 1.3925, 0.7329,
2.7897

■ 0.2509, 0.0000,
0.9883

■ 77.5283, 69.2352,
103.8853

■ 77.5283, 69.2352,
103.8853

■ 70.6897, 57.5512,
101.9905

■ 85.3873, 82.9165,
106.1118

■ 64.8170, 47.7588,
100.4099

■ 94.3063, 98.6769,
108.6838

■ 59.8595, 39.7554,
99.1264

■ 95.0500, 100.0000,
108.9000

■ 55.7591, 33.4256,
98.1207

■ 52.4511, 28.6399,
97.3713

■ 49.8612, 25.2501,
96.8535

■ 47.9004, 23.0784,
96.5377

■ 46.5211, 21.8974,
96.3824

Harmonies

Analogous

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



71.0895, 69.2352, 120.0908



77.5283, 69.2352, 103.8853



80.8873, 69.2352, 81.7757

Triad

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



77.5283, 69.2352, 103.8853



68.0010, 69.2352, 41.8689



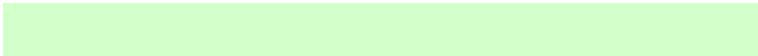
53.4176, 69.2352, 91.1113

Complementary

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



77.5283, 69.2352, 103.8853



73.0007, 89.4867, 69.3056

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.



52.7264, 69.2352, 69.3369



77.5283, 69.2352, 103.8853



60.7909, 69.2352, 43.4316

Square

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



77.5283, 69.2352, 103.8853



75.1226, 69.2352, 47.8805



55.3292, 69.2352, 52.6419



57.2934, 69.2352, 111.8078

Rectangle

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



77.5283, 69.2352, 103.8853



80.7667, 69.2352, 67.7339



55.3292, 69.2352, 52.6419



52.8172, 69.2352, 83.5924

Sweetspot

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



77.5302, 69.2381, 103.8857



89.5174, 90.1884, 107.2978



65.6626, 66.2853, 103.9413



19.0366, 19.0854, 22.9305



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.



77.5302, 69.2381, 103.8857



74.5238, 64.0714, 103.0469



77.6969, 69.6377, 89.7241



18.5075, 18.1533, 22.7784



24.4103, 11.4944, 50.3667



2.4465, 1.1552, 4.9073

Inverse Universe

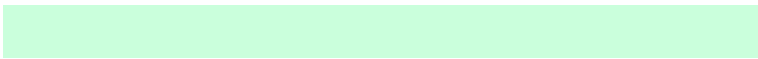
The Inverse Universe completely reimagines the original color for something new.



73.9951, 68.1569, 70.2308



70.4529, 62.8417, 63.5955



72.9932, 89.2272, 80.8568



18.1211, 18.0317, 19.2548



21.7689, 11.1968, 2.1675



2.1508, 1.1027, 0.3758

Previews

White Background



This preview shows how the XYZ color 77.5283, 69.2352, 103.8853 looks on a white background.

Color Contrast Check

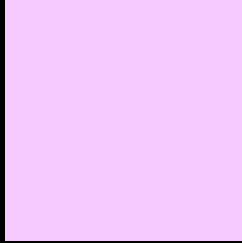
Large Text (above 18pt) WCAG AA × Fail

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 77.5283, 69.2352, 103.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

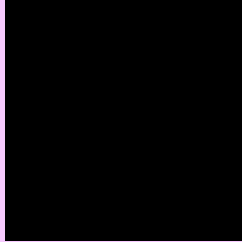
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5283, 69.2352, 103.8853

Background



This preview shows how black text looks on a background with the XYZ color 77.5283, 69.2352, 103.8853.



This preview shows how white text looks on a background with the XYZ color 77.5283, 69.2352,

103.8853.

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

77.5283, 69.2352, 103.8853

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

71.0919, 69.5510, 102.6062



Tritanopia

72.6284, 69.3708, 80.0830

Trichromacy



Original Color

77.5283, 69.2352, 103.8853



Protanomaly

71.2208, 68.8428, 104.1420



Deuteranomaly

73.0784, 69.0905, 103.2501



Tritanomaly

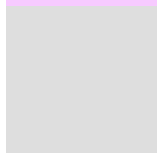
74.3749, 69.3739, 88.0678

Monochromacy



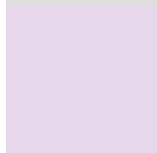
Original Color

77.5283, 69.2352, 103.8853



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.1067, 71.5303, 87.8482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5283, 69.2352, 103.8853 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(247, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 255)  
}
```

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(247, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.5283, 69.2352, 103.8853 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(247, 202, 255) }
```


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

```
.border{ border-color:rgb(247, 202, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5283, 69.2352, 103.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 255) }
```

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

```
.background{ background-color: rgb(247,  
202, 255) }
```

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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