

Converting Colors

XYZ(74.9402, 69.3694,
123.5745)

Have a look what the booklet for
XYZ(74.9402, 69.3694, 123.5745)
contains.

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Color

**XYZ(71.1033, 67.6929,
103.9262)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CFFF
RGB	224, 207, 255
RGB Percent	88%, 81%, 100%
CMY	0.1216, 0.1882, 0.0000
CMYK	0.12, 0.19, 0.00, 0.00
HSL	261°, 100%, 91%
HSV	261°, 19%, 100%
XYZ	71.1033, 67.6929, 103.9262
YIQ	217.5550, -5.2760, 18.5320

Conversions

Conversions Part 2

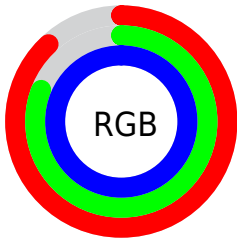
Format	Color
R _Y B	224, 207, 255
Decimal	14733311
CIE Lab	85.85, 14.87, -21.31
CIE LCh	86, 25.987, 304.913
Yxy	67.6929, 0.2929, 0.2789
Android (android.graphics.Color)	4292923391 (0xFFE0CFFF)
YUV	217.5550, 18.4604, 5.6523
Hunter-Lab	82.2757, 10.2786, -17.2989

Details

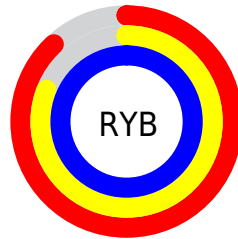
The XYZ color **71.1033, 67.6929, 103.9262** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2838, 94.2028, 72.8807**, and the grayscale version is **66.2156, 69.6640, 75.8641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7327, 35.1845, 58.2286** is the 20% darker color. If you saturate the color by 10%, you get **60.5581, 53.8158, 101.8035**, and if you desaturate by 10%, it is **83.1444, 83.8257, 106.4055**.

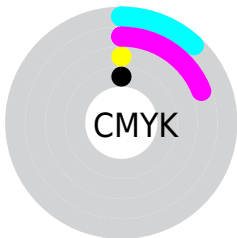
Distribution



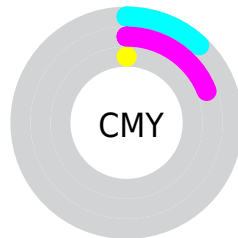
- Red (88%)
- Green (81%)
- Blue (100%)



- Red (88%)
- Yellow (81%)
- Blue (100%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1033, 67.6929, 103.9262 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 71.1033, 67.6929, 103.9262 by changing the saturation by 10% instead.

71.1033, 67.6929,
103.9262

71.1033, 67.6929,
103.9262

453.6207,
452.4072, 594.0623

52.7093, 49.6479,
78.9484

119.7985,
115.9127, 168.6411

37.7973, 35.1337,
58.3323

150.8305,
146.8563, 209.2152

26.0019, 23.7659,
41.6594

186.8058,
182.8683, 255.8252

16.9578, 15.1601,
28.5111

228.0899,
224.3330, 308.8897

10.2995, 8.9318,
18.4689

275.0481,
271.6349, 368.8270

5.6618, 4.6967,
11.1143

328.0457,

2.6792, 2.0704,

325.1583, 436.0559

6.0286

387.4481,
385.2876, 510.9948

■ 0.9865, 0.6479,
2.7934

■ 0.0000, 0.0000,
0.9901

■ 71.1033, 67.6929,
103.9262

■ 71.1033, 67.6929,
103.9262

■ 60.5581, 53.8158,
101.8035

■ 83.1444, 83.8257,
106.4055

■ 51.4413, 42.0832,
100.0194

95.0500, 100.0000,
108.9000

■ 43.6884, 32.3871,
98.5564

■ 37.2274, 24.6060,
97.3951

■ 31.9791, 18.6055,
96.5135

■ 27.8543, 14.2329,
95.8869

■ 24.7494, 11.3080,
95.4860

■ 22.5212, 9.5734,
95.2686

■ 22.2965, 9.4092,
95.2487

Harmonies

Analogous

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



65.3236, 67.6929, 111.3504



71.1033, 67.6929, 103.9262



75.2524, 67.6929, 88.4684

Triad

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



71.1033, 67.6929, 103.9262



69.3069, 67.6929, 47.8655



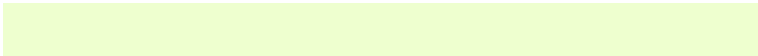
53.6148, 67.6929, 76.5443

Complementary

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



71.1033, 67.6929, 103.9262



82.2838, 94.2028, 72.8807

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.



54.5372, 67.6929, 60.6847



71.1033, 67.6929, 103.9262



63.3665, 67.6929, 45.6751

Square

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



71.1033, 67.6929, 103.9262



74.1713, 67.6929, 56.5197



58.0199, 67.6929, 49.9981



55.4184, 67.6929, 94.0648

Rectangle

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



71.1033, 67.6929, 103.9262



76.4047, 67.6929, 76.6455



58.0199, 67.6929, 49.9981



53.6174, 67.6929, 70.8427

Sweetspot

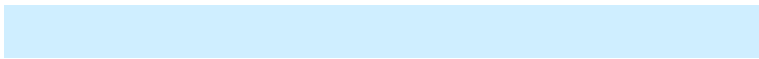
The Sweet Spot groups the original color and five complimentary colors.



71.1052, 67.6957, 103.9267



86.8194, 88.7975, 107.1715



74.4168, 81.7527, 106.4654



18.3985, 18.7564, 22.9006



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.



71.1052, 67.6957, 103.9267



66.5202, 61.6282, 102.9972



79.0048, 71.7680, 104.2964



17.6099, 17.6906, 22.7364



11.7967, 4.9919, 49.7764



1.2621, 0.5445, 4.8519

Inverse Universe

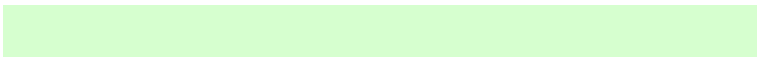
The Inverse Universe completely reimagines the original color for something new.



78.9870, 72.0612, 90.6369



75.9432, 66.8516, 86.9155



74.8142, 90.3521, 72.5311



18.5035, 18.1847, 21.2686



25.1565, 12.5519, 20.0064



2.5014, 1.2429, 2.2217

Previews

White Background



This preview shows how the XYZ color 71.1033, 67.6929, 103.9262 looks on a white background.

Color Contrast Check

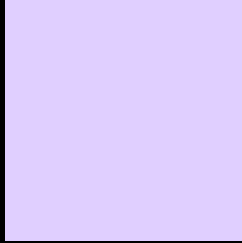
Large Text (above 18pt) WCAG AA × Fail

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 71.1033, 67.6929, 103.9262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

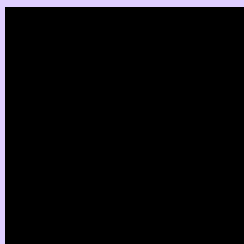
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1033, 67.6929, 103.9262

Background



This preview shows how black text looks on a background with the XYZ color 71.1033, 67.6929, 103.9262.

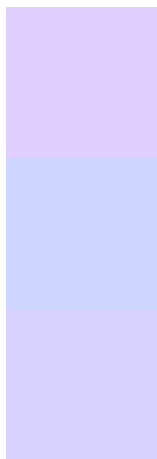


This preview shows how white text looks on a background with the XYZ color 71.1033, 67.6929,

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

71.1033, 67.6929, 103.9262

Protanopia

67.2978, 67.9303, 104.1726

Deuteranopia

69.2549, 67.8479, 103.2118



Tritanopia

67.0623, 67.9040, 82.9710

Trichromacy



Original Color

71.1033, 67.6929, 103.9262

Protanomaly

68.7848, 67.9547, 104.0990

Deuteranomaly

69.9033, 67.8168, 103.1716

Tritanomaly

68.2980, 67.6384, 90.3447

Monochromacy



Original Color

71.1033, 67.6929, 103.9262

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9856, 69.0783, 85.3515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1033, 67.6929, 103.9262 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(224, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 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(224, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.1033, 67.6929, 103.9262 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(224, 207, 255) }
```


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

```
.border{ border-color:rgb(224, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(224, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1033, 67.6929, 103.9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 255) }
```

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

```
.background{ background-color: rgb(224,  
207, 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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