

Converting Colors

XYZ(77.7956, 71.1732,
101.7882)

Have a look what the booklet for
XYZ(77.7956, 71.1732, 101.7882)
contains.

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Color

**XYZ(77.8895, 71.2468,
101.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CFFC
RGB	246, 207, 252
RGB Percent	96%, 81%, 99%
CMY	0.0353, 0.1882, 0.0118
CMYK	0.02, 0.18, 0.00, 0.01
HSL	292°, 88%, 90%
HSV	292°, 18%, 99%
XYZ	77.8895, 71.2468, 101.7422
YIQ	223.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

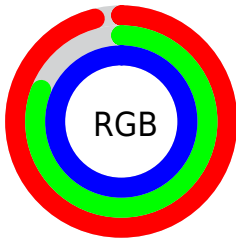
Format	Color
R _Y B	246, 207, 252
Decimal	16175100
CIE Lab	87.60, 21.32, -16.90
CIE LCh	88, 27.209, 321.603
Yxy	71.2468, 0.3105, 0.2840
Android (android.graphics.Color)	4294365180 (0xFFFF6CFFC)
YUV	223.7910, 13.9070, 19.4773
Hunter-Lab	84.4078, 17.0018, -12.3806

Details

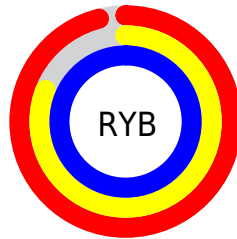
The XYZ color **77.8895, 71.2468, 101.7422** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5161, 88.2738, 72.1990**, and the grayscale version is **70.6037, 74.2806, 80.8916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0648, 37.2154, 56.5960** is the 20% darker color. If you saturate the color by 10%, you get **71.0975, 59.3956, 99.8137**, and if you desaturate by 10%, it is **85.6815, 85.0638, 103.9995**.

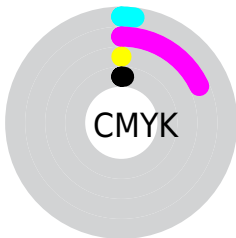
Distribution



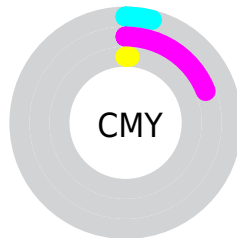
- Red (96%)
- Green (81%)
- Blue (99%)



- Red (96%)
- Yellow (81%)
- Blue (99%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8895, 71.2468, 101.7422 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 77.8895, 71.2468, 101.7422 by changing the saturation by 10% instead.

77.8895, 71.2468,
101.7422

77.8895, 71.2468,
101.7422

476.6370,
464.9157, 587.0583

58.2857, 52.5436,
77.1313

129.3605,
120.9851, 165.6220

42.2825, 37.4386,
56.8485

161.9585,
152.7890, 205.7281

29.5146, 25.5472,
40.4751

199.6184,
189.7285, 251.8363

19.6167, 16.4852,
27.5925

242.7059,
232.1882, 304.3651

12.2234, 9.8682,
17.7824

291.5861,
280.5524, 363.7332

6.9693, 5.3116,
10.6260

346.6245,

3.4891, 2.4312,

335.2054, 430.3591

5.7050

408.1863,
396.5317, 504.6613

■ 1.4174, 0.8419,
2.6007

■ 0.2685, 0.0000,
0.8928

■ 77.8895, 71.2468,
101.7422

■ 77.8895, 71.2468,
101.7422

■ 71.0975, 59.3956,
99.8137

■ 85.6815, 85.0638,
103.9995

■ 65.2528, 49.4087,
98.1941

■ 93.7377, 99.3788,
106.3380

■ 60.3076, 41.1894,
96.8683

■ 94.5709, 99.8084,
106.3770

■ 56.2071, 34.6286,
95.8180

■ 52.8908, 29.6050,
95.0232

■ 50.2896, 25.9808,
94.4607

■ 48.3221, 23.5933,
94.1036

■ 46.8791, 22.2244,
93.9154

■ 46.6039, 21.9954,
93.8857

Harmonies

Analogous

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



72.3782, 71.2468, 115.4232



77.8895, 71.2468, 101.7422



80.7161, 71.2468, 82.8682

Triad

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



77.8895, 71.2468, 101.7422



69.5416, 71.2468, 47.5253



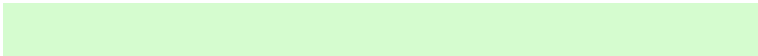
56.8491, 71.2468, 91.3730

Complementary

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



77.8895, 71.2468, 101.7422



73.5161, 88.2738, 72.1990

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.



56.1960, 71.2468, 72.5134



77.8895, 71.2468, 101.7422



63.2621, 71.2468, 49.0637

Square

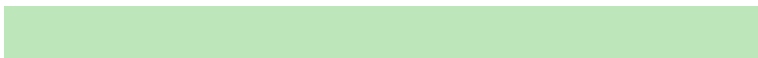
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



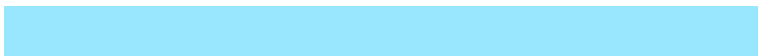
77.8895, 71.2468, 101.7422



75.7005, 71.2468, 52.9776



58.4729, 71.2468, 57.5752



60.3172, 71.2468, 108.8071

Rectangle

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



77.8895, 71.2468, 101.7422



80.5810, 71.2468, 70.6618



58.4729, 71.2468, 57.5752



56.3022, 71.2468, 84.9264

Sweetspot

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



77.8917, 71.2499, 101.7437



90.4939, 91.8122, 107.5597



67.2892, 68.2638, 101.7262



19.2370, 19.4145, 22.9834



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.



77.8917, 71.2499, 101.7437



77.7034, 69.1342, 103.8566



77.6366, 71.3949, 89.2383



17.7520, 17.4003, 21.8083



24.3676, 11.5046, 48.9099



2.3180, 1.0970, 4.5328

Inverse Universe

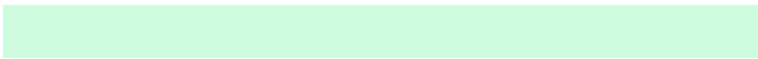
The Inverse Universe completely reimagines the original color for something new.



74.4705, 70.1285, 72.5655



73.6897, 67.8266, 69.2640



73.8307, 88.2023, 82.7718



17.3388, 17.2629, 18.3740



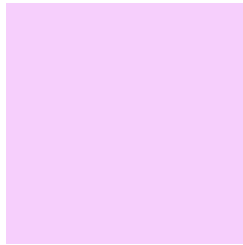
21.0891, 10.8514, 1.9119



1.9815, 1.0163, 0.3261

Previews

White Background



This preview shows how the XYZ color 77.8895, 71.2468, 101.7422 looks on a white background.

Color Contrast Check

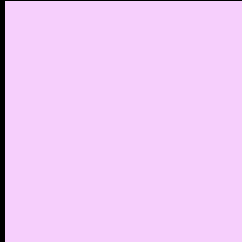
Large Text (above 18pt) WCAG AA × Fail

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 77.8895, 71.2468, 101.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

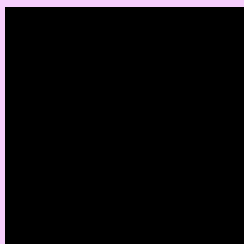
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8895, 71.2468, 101.7422

Background



This preview shows how black text looks on a background with the XYZ color 77.8895, 71.2468, 101.7422.



This preview shows how white text looks on a background with the XYZ color 77.8895, 71.2468,

101.7422.

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

77.8895, 71.2468, 101.7422

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

73.1377, 71.3891, 101.1915



Tritanopia

73.9158, 71.0672, 83.2203

Trichromacy



Original Color

77.8895, 71.2468, 101.7422

Protanomaly

72.9873, 71.2564, 103.6730

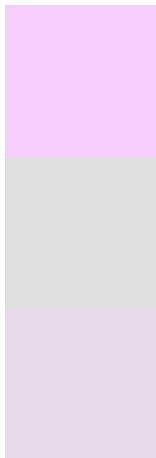
Deuteranomaly

74.6385, 71.0460, 101.0462

Tritanomaly

75.2948, 71.2623, 89.9073

Monochromacy



Original Color

77.8895, 71.2468, 101.7422

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.2014, 73.2391, 88.1203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8895, 71.2468, 101.7422 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(246, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 252)  
}
```

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(246, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.8895, 71.2468, 101.7422 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(246, 207, 252) }
```


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

```
.border{ border-color:rgb(246, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8895, 71.2468, 101.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 252) }
```

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

```
.background{ background-color: rgb(246,  
207, 252) }
```

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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