

Converting Colors

XYZ(78.2872, 69.4352,
103.8839)

Have a look what the booklet for
XYZ(78.2872, 69.4352, 103.8839)
contains.

XYZ(78.3610, 69.3173, 103.8572)	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(78.3610, 69.3173,
103.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC9FF
RGB	250, 201, 255
RGB Percent	98%, 79%, 100%
CMY	0.0196, 0.2117, 0.0000
CMYK	0.02, 0.21, 0.00, 0.00
HSL	294°, 100%, 89%
HSV	294°, 21%, 100%
XYZ	78.3610, 69.3173, 103.8572
YIQ	221.8070, 11.8700, 27.1820

Conversions

Conversions Part 2

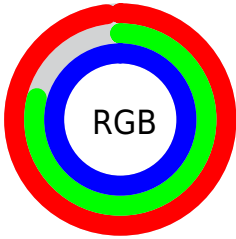
Format	Color
R _Y B	250, 201, 255
Decimal	16435711
CIE Lab	86.66, 26.34, -19.87
CIE LCh	87, 32.992, 322.962
Yxy	69.3173, 0.3115, 0.2756
Android (android.graphics.Color)	4294625791 (0xFFFA C9FF)
YUV	221.8070, 16.3641, 24.7253
Hunter-Lab	83.2570, 22.3034, -15.6801

Details

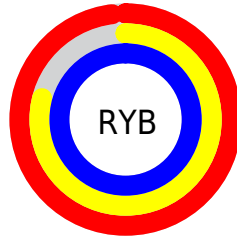
The XYZ color **78.3610, 69.3173, 103.8572** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7579, 88.8597, 68.6314**, and the grayscale version is **69.1791, 72.7818, 79.2594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6191, 36.2821, 58.1830** is the 20% darker color. If you saturate the color by 10%, you get **72.0629, 57.9681, 101.9986**, and if you desaturate by 10%, it is **85.6603, 82.6513, 106.0462**.

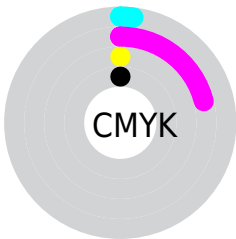
Distribution



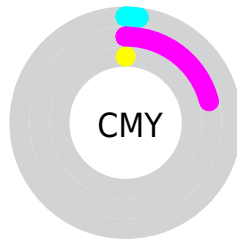
- Red (98%)
- Green (79%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3610, 69.3173, 103.8572 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 78.3610, 69.3173, 103.8572 by changing the saturation by 10% instead.

78.3610, 69.3173,
103.8572

78.3610, 69.3173,
103.8572

478.2130,
458.1493, 593.8417

58.6744, 50.9702,
78.8910

130.0216,
118.2347, 168.5458

42.5964, 36.1849,
58.2854

162.7262,
149.5737, 209.1052

29.7617, 24.5770,
41.6219

200.5010,
186.0121, 255.6994

19.8050, 15.7622,
28.4820

243.7111,
227.9343, 308.7470

12.3608, 9.3560,
18.4471

292.7221,
275.7248, 368.6665

7.0638, 4.9741,
11.0987

347.8991,

3.5487, 2.2321,

329.7678, 435.8764

6.0183

409.6077,
390.4479, 510.7953

■ 1.4502, 0.7374,
2.7872

■ 0.2915, 0.0000,
0.9870

■ 78.3610, 69.3173,
103.8572

■ 78.3610, 69.3173,
103.8572

■ 72.0629, 57.9681,
101.9986

■ 85.6603, 82.6513,
106.0462

■ 66.7115, 48.4975,
100.4526

■ 94.0003, 98.0518,
108.5793

■ 62.2558, 40.8029,
99.2022

95.0500, 100.0000,
108.9000

■ 58.6379, 34.7681,
98.2281

■ 55.7927, 30.2635,
97.5086

■ 53.6457, 27.1396,
97.0188

■ 52.1073, 25.2176,
96.7289

■ 51.1326, 24.2747,
96.5982

Harmonies

Analogous

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



71.8017, 69.3173, 121.3854



78.3610, 69.3173, 103.8572



81.6182, 69.3173, 80.7652

Triad

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



78.3610, 69.3173, 103.8572



67.7063, 69.3173, 40.8596



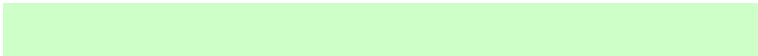
53.2254, 69.3173, 93.1653

Complementary

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



78.3610, 69.3173, 103.8572



71.7579, 88.8597, 68.6314

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.



52.3142, 69.3173, 70.4206



78.3610, 69.3173, 103.8572



60.3007, 69.3173, 42.9026

Square

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



78.3610, 69.3173, 103.8572



75.1651, 69.3173, 46.5500



54.8072, 69.3173, 52.8006



57.4002, 69.3173, 114.4241

Rectangle

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



78.3610, 69.3173, 103.8572



81.3136, 69.3173, 66.3988



54.8072, 69.3173, 52.8006



52.5413, 69.3173, 85.3423

Sweetspot

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



78.3629, 69.3202, 103.8577



89.8427, 90.3561, 107.3130



64.3078, 63.9762, 103.5670



19.1137, 19.1251, 22.9341



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.



78.3629, 69.3202, 103.8577



75.8375, 64.7486, 103.1084



76.8935, 68.9421, 86.6468



18.6171, 18.2099, 22.7836



26.7861, 12.7192, 50.4779



2.6545, 1.2623, 4.9170

Inverse Universe

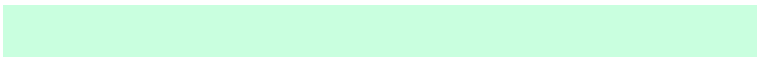
The Inverse Universe completely reimagines the original color for something new.



73.2690, 67.4923, 67.5606



70.0208, 62.6689, 61.3201



73.1148, 89.2446, 82.9044



18.0776, 18.0144, 19.0261



21.6556, 11.1515, 1.5707



2.1305, 1.0946, 0.2684

Previews

White Background



This preview shows how the XYZ color 78.3610, 69.3173, 103.8572 looks on a white background.

Color Contrast Check

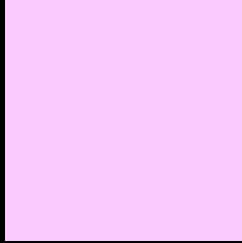
Large Text (above 18pt) WCAG AA × Fail

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 78.3610, 69.3173, 103.8572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

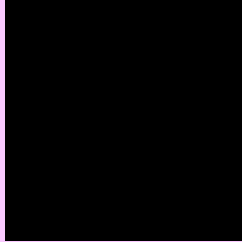
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3610, 69.3173, 103.8572

Background



This preview shows how black text looks on a background with the XYZ color 78.3610, 69.3173, 103.8572.

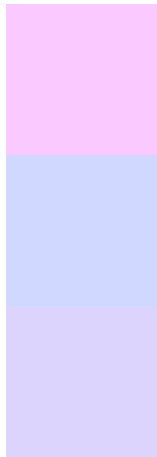


This preview shows how white text looks on a background with the XYZ color 78.3610, 69.3173,

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

78.3610, 69.3173, 103.8572

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

71.0919, 69.5510, 102.6062



Tritanopia

73.2883, 69.3658, 79.3383

Trichromacy



Original Color

78.3610, 69.3173, 103.8572



Protanomaly

72.0847, 69.6558, 104.2534



Deuteranomaly

73.7240, 69.4233, 103.2803



Tritanomaly

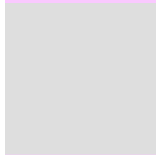
75.1845, 69.4350, 88.0369

Monochromacy



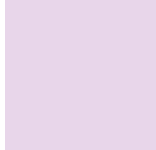
Original Color

78.3610, 69.3173, 103.8572



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.1766, 71.1895, 87.7787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3610, 69.3173, 103.8572 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(250, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 201, 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(250, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.3610, 69.3173, 103.8572 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(250, 201, 255) }
```


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

```
.border{ border-color:rgb(250, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3610, 69.3173, 103.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 201, 255) }
```

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

```
.background{ background-color: rgb(250,  
201, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor