

Converting Colors

XYZ(74.2154, 68.0965, 91.8044)

Have a look what the booklet for
XYZ(74.2154, 68.0965, 91.8044)
contains.

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Color

**XYZ(74.3923, 68.2362,
91.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CBF0
RGB	244, 203, 240
RGB Percent	96%, 80%, 94%
CMY	0.0431, 0.2039, 0.0588
CMYK	0.00, 0.17, 0.02, 0.04
HSL	306°, 65%, 88%
HSV	306°, 17%, 96%
XYZ	74.3923, 68.2362, 91.6881
YIQ	219.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

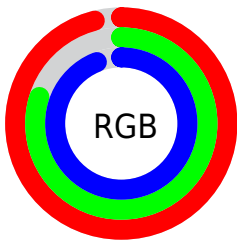
Format	Color
RYB	244, 203, 240
Decimal	16042992
CIELab	86.12, 20.60, -12.79
CIELCh	86, 24.242, 328.165
Yxy	68.2362, 0.3175, 0.2912
Android (android.graphics.Color)	4294233072 (0xFFFF4CBF0)
YUV	219.4770, 10.1178, 21.5067
Hunter-Lab	82.6052, 16.1938, -7.9856

Details

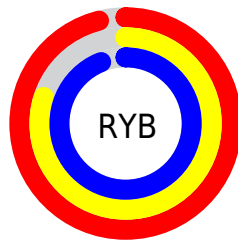
The XYZ color **74.3923, 68.2362, 91.6881** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.2444, 81.9048, 71.2474**, and the grayscale version is **67.5906, 71.1106, 77.4395**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8927, 35.5204, 50.1009** is the 20% darker color. If you saturate the color by 10%, you get **68.7267, 57.4663, 88.0667**, and if you desaturate by 10%, it is **80.9734, 80.8275, 95.6391**.

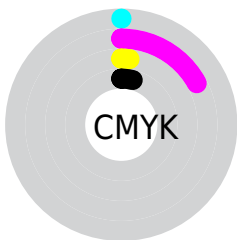
Distribution



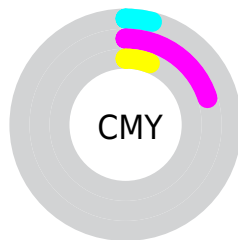
- Red (96%)
- Green (80%)
- Blue (94%)



- Red (96%)
- Yellow (80%)
- Blue (94%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3923, 68.2362, 91.6881 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 74.3923, 68.2362, 91.6881 by changing the saturation by 10% instead.


 74.3923, 68.2362,
91.6881

 74.3923, 68.2362,
91.6881


464.8556,
454.3324, 554.2182

 55.4076, 50.0899,
68.8000


124.4443,
116.6900, 151.6370

 39.9633, 35.4848,
50.0781


156.2423,
147.7663, 189.5348

 27.6940, 24.0366,
35.1039


193.0421,
183.9213, 233.2731

 18.2344, 15.3608,
23.4587

235.2090,
225.5396, 283.2702

 11.2191, 9.0730,
14.7241

283.1085,
273.0055, 339.9447

 6.2828, 4.7888,
8.4815

337.1059,

 3.0601, 2.1239,

326.7033, 403.7152

4.3124

397.5665,
387.0175, 475.0001

■ 1.1856, 0.6780,
1.7982

■ 0.0950, 0.0000,
0.4268

■ 74.3923, 68.2362,
91.6881

■ 74.3923, 68.2362,
91.6881

■ 68.7267, 57.4663,
88.0667

■ 80.9734, 80.8275,
95.6391

■ 63.9283, 48.4244,
84.7564

■ 88.5034, 95.3103,
99.9287

■ 59.9533, 41.0219,
81.7433

■ 89.8794, 97.4776,
102.1899

■ 56.7518, 35.1593,
79.0107

■ 90.2496, 97.6257,
104.1391

■ 54.2686, 30.7258,
76.5400

■ 90.6244, 97.7756,
106.1130

■ 52.4410, 27.5961,
74.3103

■ 91.0040, 97.9275,
108.1118

■ 51.1954, 25.6233,
72.2970

■ 91.1187, 97.9734,
108.7160

■ 50.4386, 24.6208,
70.4690

■ 50.2526, 24.4109,
69.9076

Harmonies

Analogous

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



70.0468, 68.2362, 104.7676



74.3923, 68.2362, 91.6881



76.1664, 68.2362, 75.2844

Triad

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



74.3923, 68.2362, 91.6881



65.2001, 68.2362, 47.6531



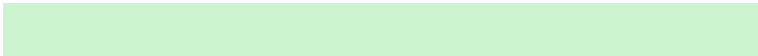
55.8613, 68.2362, 89.7443

Complementary

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



74.3923, 68.2362, 91.6881



68.2444, 81.9048, 71.2474

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.



54.7255, 68.2362, 73.3195



74.3923, 68.2362, 91.6881



59.9291, 68.2362, 50.3949

Square

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



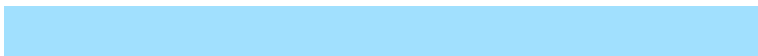
74.3923, 68.2362, 91.6881



70.6741, 68.2362, 51.1571



56.1724, 68.2362, 59.2581



59.3672, 68.2362, 103.5371

Rectangle

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



74.3923, 68.2362, 91.6881



75.5796, 68.2362, 65.1353



56.1724, 68.2362, 59.2581



55.1988, 68.2362, 84.2813

Sweetspot

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



74.3943, 68.2392, 91.6896



90.9169, 92.0533, 106.5374



63.2575, 62.4285, 94.3050



19.3402, 19.4733, 22.7339



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.



74.3943, 68.2392, 91.6896



80.0919, 71.3493, 100.0125



71.5958, 67.1198, 76.9526



17.1398, 16.7388, 20.4829



27.3528, 13.2846, 38.1618



2.4239, 1.1755, 3.4585

Inverse Universe

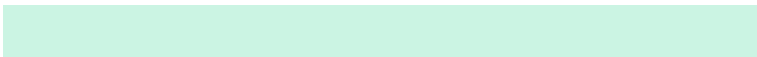
The Inverse Universe completely reimagines the original color for something new.



74.3943, 68.2392, 91.6896



80.0919, 71.3493, 100.0125



70.8353, 82.9411, 84.8908



17.1398, 16.7388, 20.4829



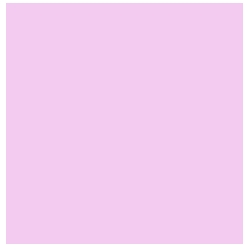
27.3528, 13.2846, 38.1618



2.4239, 1.1755, 3.4585

Previews

White Background



This preview shows how the XYZ color 74.3923, 68.2362, 91.6881 looks on a white background.

Color Contrast Check

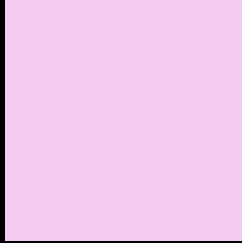
Large Text (above 18pt) WCAG AA × Fail

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 74.3923, 68.2362, 91.6881 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 74.3923, 68.2362, 91.6881

Background



This preview shows how black text looks on a background with the XYZ color 74.3923, 68.2362, 91.6881.



This preview shows how white text looks on a background with the XYZ color 74.3923, 68.2362,

91.6881.

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

74.3923, 68.2362, 91.6881

Protanopia

67.4134, 68.5102, 97.6664

Deuteranopia

69.9906, 68.4939, 91.1931



Tritanopia

71.5318, 68.1173, 78.4851

Trichromacy



Original Color

74.3923, 68.2362, 91.6881

Protanomaly

69.4999, 68.1544, 95.0800

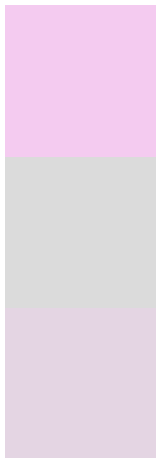
Deuteranomaly

71.4971, 68.1813, 91.0534

Tritanomaly

72.5921, 68.1970, 83.4661

Monochromacy



Original Color

74.3923, 68.2362, 91.6881

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6543, 69.6285, 82.4415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3923, 68.2362, 91.6881 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(244, 203, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 240)  
}
```

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(244, 203, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.3923, 68.2362, 91.6881 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(244, 203, 240) }
```


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

```
.border{ border-color:rgb(244, 203, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 203, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3923, 68.2362, 91.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 240) }
```

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

```
.background{ background-color: rgb(244,  
203, 240) }
```

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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