

Converting Colors

XYZ(76.2573, 69.0522,
102.7250)

Have a look what the booklet for
XYZ(76.2573, 69.0522, 102.7250)
contains.

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Color

**XYZ(76.2075, 68.9223,
103.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CBFE
RGB	243, 203, 254
RGB Percent	95%, 80%, 100%
CMY	0.0471, 0.2039, 0.0039
CMYK	0.04, 0.20, 0.00, 0.00
HSL	287°, 96%, 90%
HSV	287°, 20%, 100%
XYZ	76.2075, 68.9223, 103.0527
YIQ	220.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

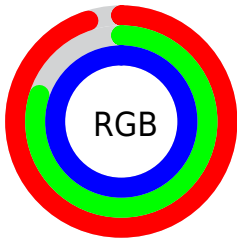
Format	Color
R _Y B	243, 203, 254
Decimal	15977470
CIE Lab	86.47, 22.84, -19.70
CIE LCh	86, 30.164, 319.225
Yxy	68.9223, 0.3071, 0.2777
Android (android.graphics.Color)	4294167550 (0xFFFF3CBFE)
YUV	220.7740, 16.3804, 19.4922
Hunter-Lab	83.0195, 18.5696, -15.4835

Details

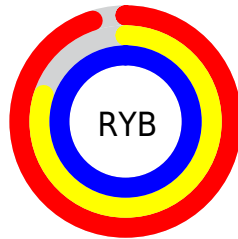
The XYZ color **76.2075, 68.9223, 103.0527** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.9552, 89.4933, 69.8793**, and the grayscale version is **68.4557, 72.0207, 78.4306**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0752, 35.9652, 57.6004** is the 20% darker color. If you saturate the color by 10%, you get **68.8316, 56.9345, 101.1286**, and if you desaturate by 10%, it is **84.6267, 82.9104, 105.3100**.

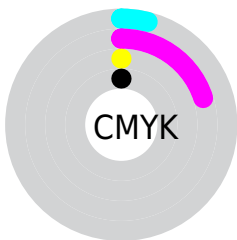
Distribution



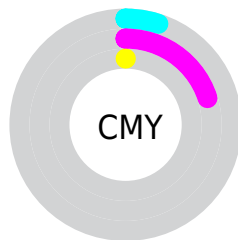
- Red (95%)
- Green (80%)
- Blue (100%)



- Red (95%)
- Yellow (80%)
- Blue (100%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2075, 68.9223, 103.0527 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 76.2075, 68.9223, 103.0527 by changing the saturation by 10% instead.

76.2075, 68.9223,
103.0527

76.2075, 68.9223,
103.0527

470.9912,
456.7569, 591.2663

56.9003, 50.6484,
78.2214

126.9990,
117.6706, 167.4343

41.1650, 35.9289,
57.7383

159.2140,
148.9138, 207.8217

28.6363, 24.3793,
41.1850

196.4623,
185.2489, 254.2316

18.9488, 15.6152,
28.1429

239.1093,
227.0603, 307.0824

11.7370, 9.2523,
18.1934

287.5203,
274.7324, 366.7927

6.6358, 4.9061,
10.9181

342.0608,

3.2797, 2.1923,

328.6496, 433.7811

5.8983

403.0959,
389.1963, 508.4661

■ 1.3033, 0.7158,
2.7155

■ 0.1857, 0.0000,
0.9512

■ 76.2075, 68.9223,
103.0527

■ 76.2075, 68.9223,
103.0527

■ 68.8316, 56.9345,
101.1286

■ 84.6267, 82.9104,
105.3100

■ 62.4444, 46.8423,
99.5173

■ 94.1278, 98.9792,
107.9108

■ 56.9957, 38.5447,
98.2028

■ 94.8896, 99.9358,
108.0553

■ 52.4282, 31.9280,
97.1664

■ 48.6780, 26.8649,
96.3868

■ 45.6718, 23.2099,
95.8398

■ 43.3226, 20.7896,
95.4964

■ 41.5001, 19.3275,
95.3103

Harmonies

Analogous

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



70.0282, 68.9223, 117.5067



76.2075, 68.9223, 103.0527



79.5983, 68.9223, 82.4630

Triad

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



76.2075, 68.9223, 103.0527



68.0501, 68.9223, 43.2625



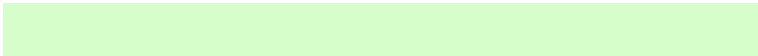
53.6348, 68.9223, 88.4268

Complementary

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



76.2075, 68.9223, 103.0527



73.9552, 89.4933, 69.8793

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.



53.1881, 68.9223, 68.0851



76.2075, 68.9223, 103.0527



61.1877, 68.9223, 44.2859

Square

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



76.2075, 68.9223, 103.0527



74.6712, 68.9223, 49.5368



55.8610, 68.9223, 52.6354



57.1280, 68.9223, 108.0801

Rectangle

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



76.2075, 68.9223, 103.0527



79.6702, 68.9223, 69.0496



55.8610, 68.9223, 52.6354



53.1332, 68.9223, 81.3771

Sweetspot

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



76.2096, 68.9253, 103.0542



89.1581, 90.0032, 107.2809



66.5800, 67.9738, 103.3781



18.9514, 19.0415, 22.9265



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.



76.2096, 68.9253, 103.0542



73.8466, 64.5564, 103.1762



77.8924, 70.0501, 91.5055



18.3867, 18.0911, 22.7728



22.0091, 10.2566, 50.2543



2.2337, 1.0454, 4.8973

Inverse Universe

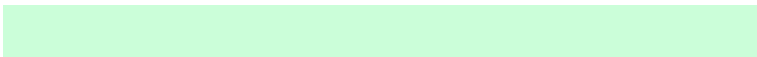
The Inverse Universe completely reimagines the original color for something new.



74.3689, 68.6407, 72.9507



71.7498, 64.2596, 67.6533



72.6558, 88.6151, 79.2308



18.1697, 18.0512, 19.5108



21.9534, 11.2707, 3.1392



2.1757, 1.1127, 0.5067

Previews

White Background



This preview shows how the XYZ color 76.2075, 68.9223, 103.0527 looks on a white background.

Color Contrast Check

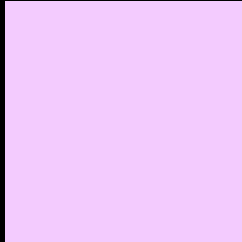
Large Text (above 18pt) WCAG AA × Fail

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 76.2075, 68.9223, 103.0527 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 76.2075, 68.9223, 103.0527

Background



This preview shows how black text looks on a background with the XYZ color 76.2075, 68.9223, 103.0527.

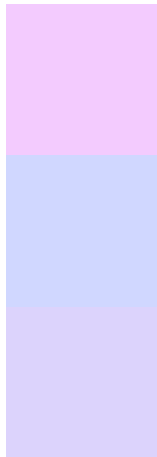


This preview shows how white text looks on a background with the XYZ color 76.2075, 68.9223,

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

76.2075, 68.9223, 103.0527

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.3802, 68.8325, 101.6720



Tritanopia

71.7431, 68.8987, 80.7517

Trichromacy



Original Color

76.2075, 68.9223, 103.0527

Protanomaly

71.1631, 69.1807, 104.2103

Deuteranomaly

72.2804, 68.6976, 102.3789

Tritanomaly

73.1468, 68.7240, 88.7667

Monochromacy



Original Color

76.2075, 68.9223, 103.0527

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

71.0676, 70.6343, 86.9789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2075, 68.9223, 103.0527 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(243, 203, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 254)  
}
```

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(243, 203, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 254) }
```

Border

The CSS property to change the border of an element to XYZ 76.2075, 68.9223, 103.0527 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(243, 203, 254) }
```


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

```
.border{ border-color:rgb(243, 203, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 203, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 203, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 203, 254); box-shadow:4px 4px 4px 4px rgb(243, 203, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2075, 68.9223, 103.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 254) }
```

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

```
.background{ background-color: rgb(243,  
203, 254) }
```

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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