

Converting Colors

XYZ(78.7422, 74.2381,
102.8442)

Have a look what the booklet for
XYZ(78.7422, 74.2381, 102.8442)
contains.

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Color

**XYZ(78.7383, 74.2397,
103.1082)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3D6FD |
| RGB | 243, 214, 253 |
| RGB Percent | 95%, 84%, 99% |
| CMY | 0.0471, 0.1608, 0.0078 |
| CMYK | 0.04, 0.15, 0.00, 0.01 |
| HSL | 285°, 91%, 92% |
| HSV | 285°, 15%, 99% |
| XYZ | 78.7383, 74.2397, 103.1082 |
| YIQ | 227.1170, 4.7650, 18.2770 |

Conversions

Conversions Part 2

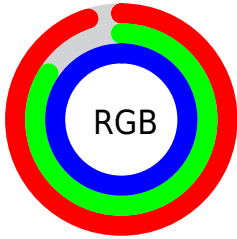
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 214, 253 |
| Decimal | 15980285 |
| CIE Lab | 89.04, 16.85, -15.30 |
| CIE LCh | 89, 22.763, 317.754 |
| Yxy | 74.2397, 0.3075, 0.2899 |
| Android (android.graphics.Color) | 4294170365 (0xFFFF3D6FD) |
| YUV | 227.1170, 12.7603, 13.9294 |
| Hunter-Lab | 86.1625, 12.3353, -10.6370 |

Details

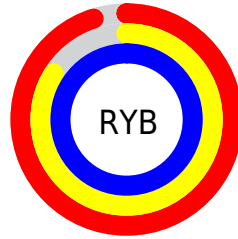
The XYZ color $78.7383, 74.2397, 103.1082$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $78.0061, 90.9548, 77.0668$, and the grayscale version is $73.0084, 76.8105, 83.6466$.

A 20% lighter version of the original color is $95.0500, 100.0000, 108.9000$, and $42.8555, 39.3466, 57.5605$ is the 20% darker color. If you saturate the color by 10%, you get $70.6271, 61.2815, 101.0356$, and if you desaturate by 10%, it is $87.9275, 89.2339, 105.5192$.

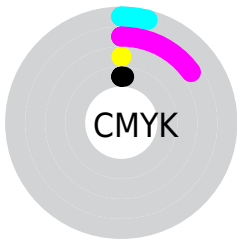
Distribution



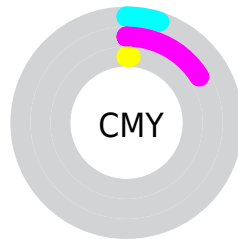
- Red (95%)
- Green (84%)
- Blue (99%)



- Red (95%)
- Yellow (84%)
- Blue (99%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7383, 74.2397, 103.1082 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 78.7383, 74.2397, 103.1082 by changing the saturation by 10% instead.

78.7383, 74.2397,
103.1082

78.7383, 74.2397,
103.1082

479.4721,
475.3002, 591.4441

58.9856, 54.9902,
78.2676

130.5502,
125.2355, 167.5111

42.8478, 39.3939,
57.7760

163.3402,
157.7507, 207.9103

29.9597, 27.0663,
41.2151

201.2065,
195.4566, 254.3329

19.9559, 17.6230,
28.1662

244.5146,
238.7376, 307.1973

12.4711, 10.6797,
18.2109

293.6299,
287.9780, 366.9221

7.1398, 5.8519,
10.9305

348.9177,

3.5968, 2.7552,

343.5623, 433.9258

5.9065

410.7433,
405.8750, 508.6270

■ 1.4767, 1.0053,
2.7205

■ 0.3099, 0.0000,
0.9537

■ 78.7383, 74.2397,
103.1082

■ 78.7383, 74.2397,
103.1082

■ 70.6271, 61.2815,
101.0356

■ 87.9275, 89.2339,
105.5192

■ 63.5407, 50.2578,
99.2814

94.7298, 99.8719,
107.2140

■ 57.4311, 41.0728,
97.8305

■ 52.2436, 33.6183,
96.6650

■ 47.9180, 27.7748,
95.7651

■ 44.3862, 23.4075,
95.1083

■ 41.5686, 20.3590,
94.6683

■ 39.3676, 18.4347,
94.4129

■ 38.4995, 17.7991,
94.3360

Harmonies

Analogous

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



73.8581, 74.2397, 113.4780



78.7383, 74.2397, 103.1082



81.4831, 74.2397, 87.4738

Triad

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



78.7383, 74.2397, 103.1082



72.8443, 74.2397, 54.5557



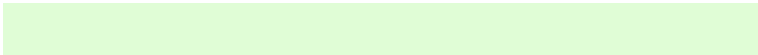
60.9039, 74.2397, 90.4899

Complementary

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



78.7383, 74.2397, 103.1082



78.0061, 90.9548, 77.0668

Split Complementary

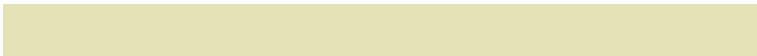
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.6642, 74.2397, 74.5398



78.7383, 74.2397, 103.1082



67.3667, 74.2397, 55.1411

Square

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



78.7383, 74.2397, 103.1082



77.9628, 74.2397, 60.3045



62.9734, 74.2397, 62.0243



63.6461, 74.2397, 105.5634

Rectangle

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



78.7383, 74.2397, 103.1082



81.6426, 74.2397, 76.7912



62.9734, 74.2397, 62.0243



60.5333, 74.2397, 85.0171

Sweetspot

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



78.7405, 74.2429, 103.1098



89.9239, 91.5184, 107.5330



72.2275, 74.9179, 103.5834



19.0981, 19.3429, 22.9769



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.



78.7405, 74.2429, 103.1098



77.9166, 71.9656, 104.3919



80.8708, 75.5046, 95.8217



18.3112, 18.0522, 22.7693



20.6226, 9.5418, 50.1894



2.1093, 0.9813, 4.8915

Inverse Universe

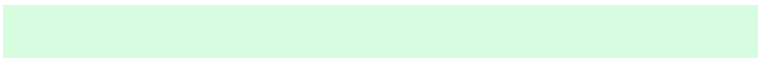
The Inverse Universe completely reimagines the original color for something new.



78.0117, 74.3610, 80.7662



77.0988, 72.1236, 78.1736



76.1923, 89.8817, 83.2191



18.2005, 18.0635, 19.6729



22.1041, 11.3309, 3.9325



2.1943, 1.1201, 0.6045

Previews

White Background



This preview shows how the XYZ color 78.7383, 74.2397, 103.1082 looks on a white background.

Color Contrast Check

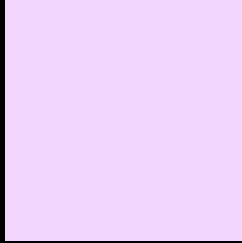
Large Text (above 18pt) WCAG AA × Fail

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 78.7383, 74.2397, 103.1082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

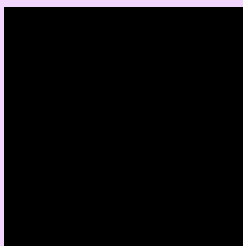
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7383, 74.2397, 103.1082

Background



This preview shows how black text looks on a background with the XYZ color 78.7383, 74.2397, 103.1082.

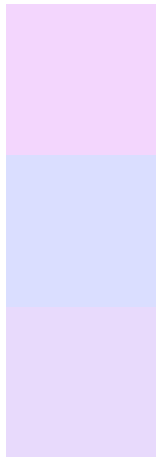


This preview shows how white text looks on a background with the XYZ color 78.7383, 74.2397,

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

78.7383, 74.2397, 103.1082

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

75.9208, 74.3269, 102.4405



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

78.7383, 74.2397, 103.1082

Protanomaly

74.8995, 74.1497, 104.1306

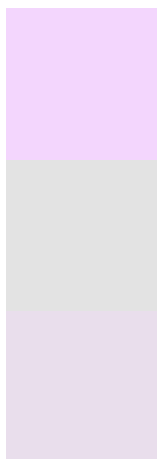
Deuteranomaly

76.9756, 74.4869, 102.4158

Tritanomaly

76.7087, 74.1634, 93.4911

Monochromacy



Original Color

78.7383, 74.2397, 103.1082

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.8659, 75.6223, 90.0076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7383, 74.2397, 103.1082 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, 214, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 214, 253)  
}
```

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, 214, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 214, 253) }
```

Border

The CSS property to change the border of an element to XYZ 78.7383, 74.2397, 103.1082 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, 214, 253) }
```


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

```
.border{ border-color:rgb(243, 214, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 214, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 214, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 214, 253);  
box-shadow:4px 4px 4px 4px rgb(243, 214,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7383, 74.2397, 103.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 214, 253) }
```

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

```
.background{ background-color: rgb(243,  
214, 253) }
```

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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