

Converting Colors

XYZ(88.8905, 78.0799,
160.9655)

Have a look what the booklet for
XYZ(88.8905, 78.0799, 160.9655)
contains.

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Color

**XYZ(78.3722, 74.0139,
104.7632)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D6FF
RGB	241, 214, 255
RGB Percent	95%, 84%, 100%
CMY	0.0549, 0.1608, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	280°, 100%, 92%
HSV	280°, 16%, 100%
XYZ	78.3722, 74.0139, 104.7632
YIQ	226.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

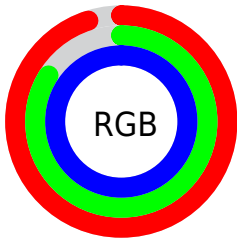
Format	Color
R _Y B	241, 214, 255
Decimal	15849215
CIE Lab	88.93, 16.58, -16.53
CIE LCh	89, 23.415, 315.083
Yxy	74.0139, 0.3048, 0.2878
Android (android.graphics.Color)	4294039295 (0xFFFF1D6FF)
YUV	226.7470, 13.9287, 12.4999
Hunter-Lab	86.0313, 12.0538, -11.9775

Details

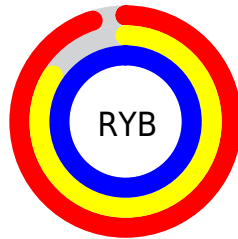
The XYZ color **78.3722, 74.0139, 104.7632** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.8943, 92.8699, 77.3367**, and the grayscale version is **72.7323, 76.5200, 83.3303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5988, 39.1878, 58.7449** is the 20% darker color. If you saturate the color by 10%, you get **69.5158, 60.6079, 102.6424**, and if you desaturate by 10%, it is **88.3849, 89.5197, 107.2284**.

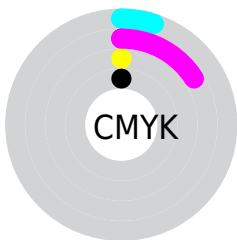
Distribution



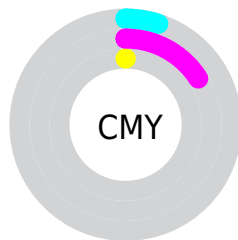
- Red (95%)
- Green (84%)
- Blue (100%)



- Red (95%)
- Yellow (84%)
- Blue (100%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3722, 74.0139, 104.7632 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 78.3722, 74.0139, 104.7632 by changing the saturation by 10% instead.

78.3722, 74.0139,
104.7632

78.3722, 74.0139,
104.7632

478.2504,
474.5213, 596.7350

58.6836, 54.8054,
79.6454

130.0373,
124.9155, 169.7964

42.6039, 39.2460,
58.9022

162.7445,
157.3774, 210.5489

29.7676, 26.9511,
42.1149

200.5219,
195.0259, 257.3501

19.8095, 17.5365,
28.8650

243.7350,
238.2455, 310.6185

12.3641, 10.6177,
18.7340

292.7490,
287.4204, 370.7727

7.0661, 5.8104,
11.3034

347.9294,

3.5502, 2.7301,

342.9350, 438.2311

6.1546

409.6414,
405.1739, 513.4123

■ 1.4509, 0.9925,
2.8690

■ 0.2921, 0.0000,
1.0281

■ 78.3722, 74.0139,
104.7632

■ 78.3722, 74.0139,
104.7632

■ 69.5158, 60.6079,
102.6424

■ 88.3849, 89.5197,
107.2284

■ 61.7609, 49.1977,
100.8487

95.0500, 100.0000,
108.9000

■ 55.0568, 39.6843,
99.3658

■ 49.3464, 31.9561,
98.1750

■ 44.5664, 25.8899,
97.2561

■ 40.6454, 21.3460,
96.5857

■ 37.5003, 18.1615,
96.1368

■ 35.0282, 16.1338,
95.8757

■ 34.1830, 15.5369,
95.8050

Harmonies

Analogous

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



73.2297, 74.0139, 114.7348



78.3722, 74.0139, 104.7632



81.4428, 74.0139, 88.9147

Triad

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



78.3722, 74.0139, 104.7632



73.1981, 74.0139, 53.9757



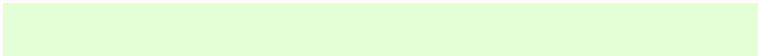
60.3170, 74.0139, 89.0086

Complementary

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



78.3722, 74.0139, 104.7632



79.8943, 92.8699, 77.3367

Split Complementary

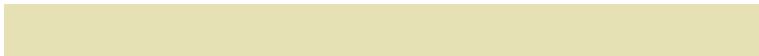
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.3095, 74.0139, 72.7992



78.3722, 74.0139, 104.7632



67.5429, 74.0139, 53.9938

Square

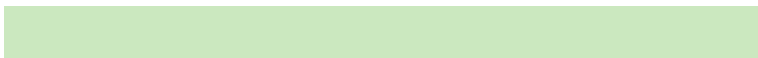
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



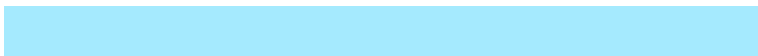
78.3722, 74.0139, 104.7632



78.3480, 74.0139, 60.3989



62.8911, 74.0139, 60.4521



62.9120, 74.0139, 104.8399

Rectangle

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



78.3722, 74.0139, 104.7632



81.8019, 74.0139, 77.8476



62.8911, 74.0139, 60.4521



60.0165, 74.0139, 83.3931

Sweetspot

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



78.3742, 74.0170, 104.7637



89.5330, 91.3168, 107.5148



73.6239, 77.1985, 105.6281



19.0030, 19.2938, 22.9725



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.



78.3742, 74.0170, 104.7637



75.6672, 69.8841, 104.1086



82.3635, 76.1861, 99.8649



18.1550, 17.9717, 22.7620



18.0277, 8.2041, 50.0680



1.8724, 0.8592, 4.8804

Inverse Universe

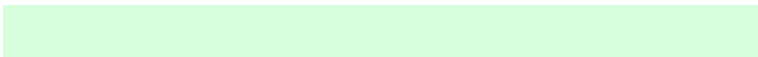
The Inverse Universe completely reimagines the original color for something new.



79.2920, 74.9575, 83.6904



76.7759, 71.0007, 79.5363



76.4319, 90.9925, 81.3524



18.2653, 18.0894, 20.0143



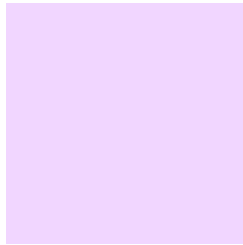
22.5118, 11.4940, 6.0794



2.2407, 1.1387, 0.8491

Previews

White Background



This preview shows how the XYZ color 78.3722, 74.0139, 104.7632 looks on a white background.

Color Contrast Check

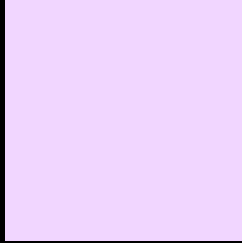
Large Text (above 18pt) WCAG AA × Fail

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 78.3722, 74.0139, 104.7632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

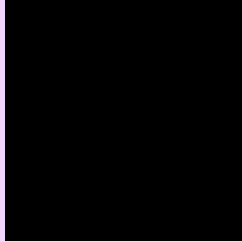
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3722, 74.0139, 104.7632

Background



This preview shows how black text looks on a background with the XYZ color 78.3722, 74.0139, 104.7632.



This preview shows how white text looks on a background with the XYZ color 78.3722, 74.0139,

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

78.3722, 74.0139, 104.7632

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.9158, 74.2875, 104.1037



Tritanopia

75.3267, 74.3181, 88.9719

Trichromacy



Original Color

78.3722, 74.0139, 104.7632

Protanomaly

74.7455, 74.0518, 104.9617

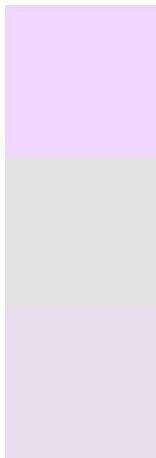
Deuteranomaly

76.9632, 74.4436, 104.0786

Tritanomaly

76.4365, 74.3872, 94.3339

Monochromacy



Original Color

78.3722, 74.0139, 104.7632

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6860, 75.5128, 90.7598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3722, 74.0139, 104.7632 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(241, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 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(241, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.3722, 74.0139, 104.7632 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(241, 214, 255) }
```


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

```
.border{ border-color:rgb(241, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3722, 74.0139, 104.7632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 255) }
```

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

```
.background{ background-color: rgb(241,  
214, 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](#).

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