

Converting Colors

XYZ(78.9819, 73.2906, 98.8932)

Have a look what the booklet for
XYZ(78.9819, 73.2906, 98.8932)
contains.

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Color

**XYZ(78.9489, 73.3223,
98.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3F8
RGB	248, 211, 248
RGB Percent	97%, 83%, 97%
CMY	0.0274, 0.1725, 0.0274
CMYK	0.00, 0.15, 0.00, 0.03
HSL	300°, 73%, 90%
HSV	300°, 15%, 97%
XYZ	78.9489, 73.3223, 98.7985
YIQ	226.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

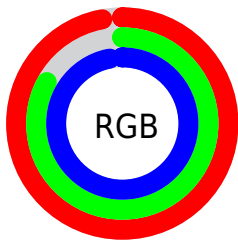
Format	Color
R _Y B	248, 211, 248
Decimal	16307192
CIE Lab	88.60, 19.14, -13.28
CIE LCh	89, 23.296, 325.253
Yxy	73.3223, 0.3145, 0.2920
Android (android.graphics.Color)	4294497272 (0xFFFF8D3F8)
YUV	226.2810, 10.7075, 19.0476
Hunter-Lab	85.6284, 14.7261, -8.4692

Details

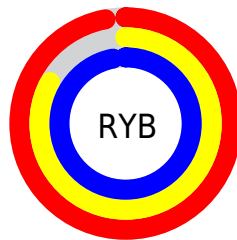
The XYZ color **78.9489, 73.3223, 98.7985** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1921, 85.6889, 74.3665**, and the grayscale version is **72.4136, 76.1848, 82.9652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8888, 38.6591, 55.0706** is the 20% darker color. If you saturate the color by 10%, you get **73.2576, 61.9386, 96.9022**, and if you desaturate by 10%, it is **85.5950, 86.6133, 101.0148**.

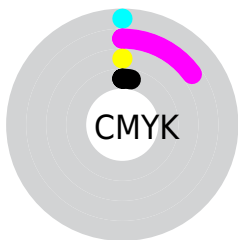
Distribution



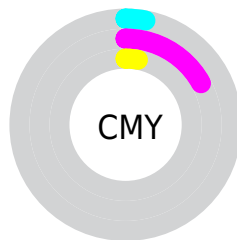
- Red (97%)
- Green (83%)
- Blue (97%)



- Red (97%)
- Yellow (83%)
- Blue (97%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9489, 73.3223, 98.7985 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 78.9489, 73.3223, 98.7985 by changing the saturation by 10% instead.

78.9489, 73.3223,
98.7985

78.9489, 73.3223,
98.7985

480.1741,
472.1311, 577.5474

59.1593, 54.2395,
74.6862

130.8452,
123.9347, 161.5425

42.9882, 38.7932,
54.8557

163.6826,
156.2330, 201.0113

30.0704, 26.5989,
38.8884

201.6000,
193.7054, 246.4360

20.0403, 17.2722,
26.3657

244.9628,
236.7362, 298.2352

12.5328, 10.4288,
16.8692

294.1362,
285.7097, 356.8274

7.1824, 5.6842,
9.9803

349.4856,

3.6238, 2.6540,

341.0105, 422.6311

5.2805

411.3765,
403.0228, 496.0650

■ 1.4916, 0.9539,
2.3512

■ 0.3201, 0.0000,
0.7597

■ 78.9489, 73.3223,
98.7985

■ 78.9489, 73.3223,
98.7985

■ 73.2576, 61.9386,
96.9022

■ 85.5950, 86.6133,
101.0148

■ 68.4712, 52.3658,
95.3067

■ 91.4154, 98.2541,
102.9550

■ 64.5450, 44.5134,
93.9979

■ 91.4154, 98.2541,
102.9551

■ 61.4280, 38.2795,
92.9588

■ 91.4155, 98.2541,
102.9551

59.0639, 33.5513,
92.1707

91.4155, 98.2541,
102.9552

57.3891, 30.2017,
91.6123

91.4155, 98.2542,
102.9553

56.3295, 28.0825,
91.2591

91.4155, 98.2542,
102.9554

55.7942, 27.0119,
91.0806

91.4155, 98.2542,
102.9554

55.6553, 26.7341,
91.0342

91.4155, 98.2542,
102.9555

Harmonies

Analogous

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



74.4014, 73.3223, 111.2125



78.9489, 73.3223, 98.7985



81.0199, 73.3223, 82.4233

Triad

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



78.9489, 73.3223, 98.7985



70.5885, 73.3223, 52.8028



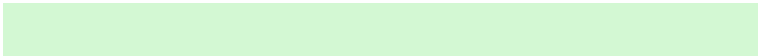
60.3700, 73.3223, 93.7745

Complementary

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



78.9489, 73.3223, 98.7985



72.1921, 85.6889, 74.3665

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.



59.4701, 73.3223, 77.3024



78.9489, 73.3223, 98.7985



65.1830, 73.3223, 54.9963

Square

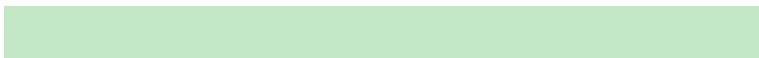
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



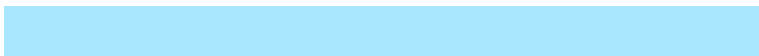
78.9489, 73.3223, 98.7985



76.0307, 73.3223, 57.0177



61.1861, 73.3223, 63.4689



63.7133, 73.3223, 108.0495

Rectangle

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



78.9489, 73.3223, 98.7985



80.6407, 73.3223, 71.9700



61.1861, 73.3223, 63.4689



59.7796, 73.3223, 88.2542

Sweetspot

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



78.9511, 73.3255, 98.8001



91.8819, 93.6639, 107.8439



67.1048, 67.2185, 98.2458



19.5431, 19.8010, 23.0419



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.



78.9511, 73.3255, 98.8001



82.1150, 74.1300, 104.5882



76.2209, 72.2334, 84.4231



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1761



2.7845, 1.3375, 4.5546

Inverse Universe

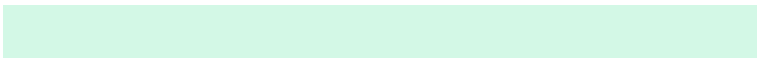
The Inverse Universe completely reimagines the original color for something new.



78.9511, 73.3255, 98.8001



82.1150, 74.1300, 104.5882



74.6467, 86.6707, 87.2928



17.9931, 17.5246, 21.8195



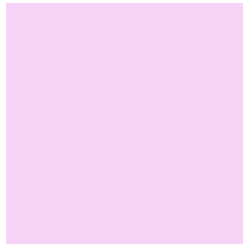
30.0646, 14.4416, 49.1761



2.7845, 1.3375, 4.5546

Previews

White Background



This preview shows how the XYZ color 78.9489, 73.3223, 98.7985 looks on a white background.

Color Contrast Check

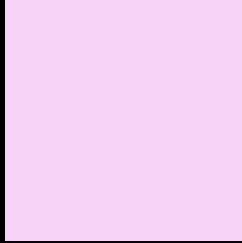
Large Text (above 18pt) WCAG AA × Fail

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 78.9489, 73.3223, 98.7985 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 78.9489, 73.3223, 98.7985

Background



This preview shows how black text looks on a background with the XYZ color 78.9489, 73.3223, 98.7985.



This preview shows how white text looks on a background with the XYZ color 78.9489, 73.3223,

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

78.9489, 73.3223, 98.7985

Protanopia

72.3611, 73.6204, 104.1622

Deuteranopia

75.2056, 73.6647, 98.2506



Tritanopia

76.1266, 73.2751, 85.7325

Trichromacy



Original Color

78.9489, 73.3223, 98.7985

Protanomaly

74.3784, 73.1480, 102.2943

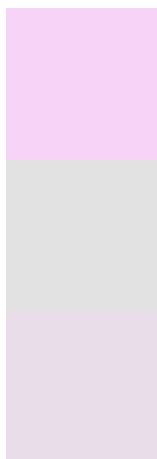
Deuteranomaly

76.3488, 73.4934, 98.1573

Tritanomaly

77.0863, 73.2958, 90.2054

Monochromacy



Original Color

78.9489, 73.3223, 98.7985

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6394, 75.1458, 88.4126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9489, 73.3223, 98.7985 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(248, 211, 248) looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 248)  
}
```

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(248, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 78.9489, 73.3223, 98.7985 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(248, 211, 248) }
```


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

```
.border{ border-color:rgb(248, 211, 248) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9489, 73.3223, 98.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 248) }
```

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

```
.background{ background-color: rgb(248,  
211, 248) }
```

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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