

Converting Colors

XYZ(78.5780, 72.7109, 99.5948)

Have a look what the booklet for
XYZ(78.5780, 72.7109, 99.5948)
contains.

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Color

**XYZ(78.5032, 72.7069,
99.5188)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D2F9
RGB	247, 210, 249
RGB Percent	97%, 82%, 98%
CMY	0.0314, 0.1764, 0.0235
CMYK	0.01, 0.16, 0.00, 0.02
HSL	297°, 76%, 90%
HSV	297°, 16%, 98%
XYZ	78.5032, 72.7069, 99.5188
YIQ	225.5090, 9.5330, 19.9730

Conversions

Conversions Part 2

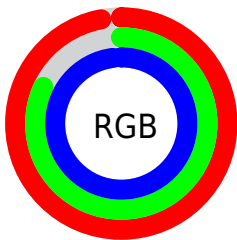
Format	Color
R _Y B	247, 210, 249
Decimal	16241401
CIE Lab	88.31, 19.52, -14.25
CIE LCh	88, 24.170, 323.865
Yxy	72.7069, 0.3131, 0.2900
Android (android.graphics.Color)	4294431481 (0xFFF7D2F9)
YUV	225.5090, 11.5811, 18.8476
Hunter-Lab	85.2683, 15.1183, -9.5110

Details

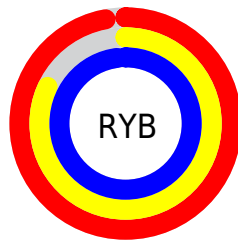
The XYZ color **78.5032, 72.7069, 99.5188** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6626, 86.4035, 73.8243**, and the grayscale version is **71.8506, 75.5924, 82.3201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5822, 38.2401, 55.5888** is the 20% darker color. If you saturate the color by 10%, you get **72.3796, 61.1248, 97.6071**, and if you desaturate by 10%, it is **85.5907, 86.2098, 101.7526**.

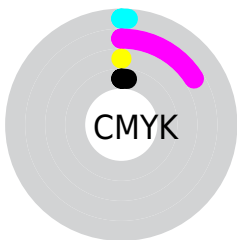
Distribution



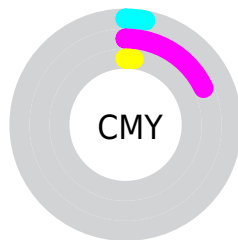
- Red (97%)
- Green (82%)
- Blue (98%)



- Red (97%)
- Yellow (82%)
- Blue (98%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)





- Cyan (3%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5032, 72.7069, 99.5188 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 78.5032, 72.7069, 99.5188 by changing the saturation by 10% instead.


 78.5032, 72.7069,
99.5188

 78.5032, 72.7069,
99.5188


478.6878,
469.9983, 579.8823

 58.7917, 53.7363,
75.2841


130.2209,
123.0610, 162.5419

 42.6911, 38.3909,
55.3425


162.9577,
155.2134, 202.1673

 29.8363, 26.2862,
39.2756


200.7669,
192.5284, 247.7600

 19.8618, 17.0379,
26.6647

244.0140,
235.3906, 299.7386

 12.4023, 10.2615,
17.0913

293.0643,
284.1843, 358.5216

 7.0925, 5.5727,
10.1370

348.2831,

 3.5668, 2.5870,

339.2939, 424.5275

5.3831

410.0358,
401.1038, 498.1749

■ 1.4601, 0.9202,
2.4111

■ 0.2985, 0.0000,
0.7925

■ 78.5032, 72.7069,
99.5188

■ 78.5032, 72.7069,
99.5188

■ 72.3796, 61.1248,
97.6071

■ 85.5907, 86.2098,
101.7526

■ 67.1693, 51.3658,
95.9980

■ 92.1243, 98.6016,
103.8001

■ 62.8268, 43.3379,
94.6773

■ 92.5824, 98.8377,
103.8216

■ 59.3003, 36.9375,
93.6278

■ 93.0436, 99.0755,
103.8432

56.5324, 32.0498,
92.8303

93.5079, 99.3149,
103.8649

54.4582, 28.5450,
92.2631

93.9753, 99.5558,
103.8868

53.0020, 26.2716,
91.9010

94.0991, 99.6196,
103.8926

52.0701, 25.0422,
91.7128

51.7681, 24.7122,
91.6651

Harmonies

Analogous

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



73.7135, 72.7069, 112.0897



78.5032, 72.7069, 99.5188



80.7898, 72.7069, 82.6261

Triad

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



78.5032, 72.7069, 99.5188



70.3037, 72.7069, 51.4816



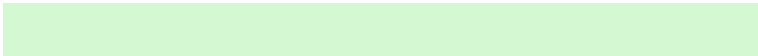
59.4064, 72.7069, 92.7938

Complementary

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



78.5032, 72.7069, 99.5188



72.6626, 86.4035, 73.8243

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.



58.6063, 72.7069, 75.8028



78.5032, 72.7069, 99.5188



64.6941, 72.7069, 53.4164

Square

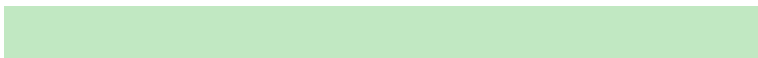
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



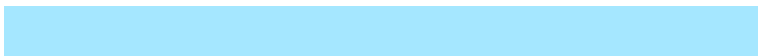
78.5032, 72.7069, 99.5188



75.8885, 72.7069, 56.0840



60.4898, 72.7069, 61.7955



62.7397, 72.7069, 107.8430

Rectangle

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



78.5032, 72.7069, 99.5188



80.5006, 72.7069, 71.7605



60.4898, 72.7069, 61.7955



58.8403, 72.7069, 87.0630

Sweetspot

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



78.5054, 72.7100, 99.5204



90.8764, 92.0094, 107.5776



67.3742, 67.9323, 99.1849



19.3303, 19.4626, 22.9878



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.



78.5054, 72.7100, 99.5204



80.5857, 72.4197, 104.3388



76.6955, 72.0680, 86.2890



17.8999, 17.4766, 21.8152



27.7484, 13.2475, 49.0681



2.5962, 1.2405, 4.5458

Inverse Universe

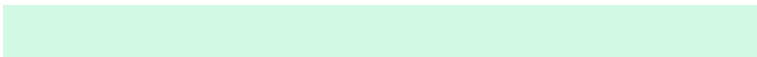
The Inverse Universe completely reimagines the original color for something new.



73.9997, 70.9897, 72.0932



74.9569, 70.2731, 69.9575



74.3079, 86.9954, 85.4788



17.2807, 17.2396, 18.0679



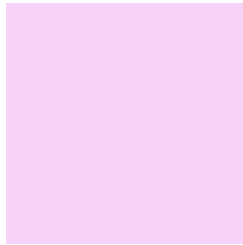
20.9649, 10.8017, 1.2579



1.9540, 1.0053, 0.1812

Previews

White Background



This preview shows how the XYZ color 78.5032, 72.7069, 99.5188 looks on a white background.

Color Contrast Check

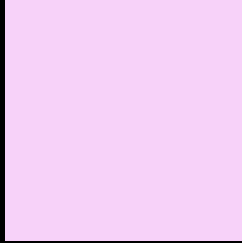
Large Text (above 18pt) WCAG AA × Fail

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 78.5032, 72.7069, 99.5188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

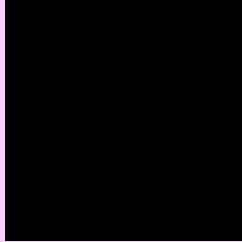
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5032, 72.7069, 99.5188

Background



This preview shows how black text looks on a background with the XYZ color 78.5032, 72.7069, 99.5188.



This preview shows how white text looks on a background with the XYZ color 78.5032, 72.7069,

99.5188.

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

78.5032, 72.7069, 99.5188

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

74.4541, 72.8780, 98.9496



Tritanopia

75.3854, 72.5348, 84.8903

Trichromacy



Original Color

78.5032, 72.7069, 99.5188

Protanomaly

73.9640, 72.5345, 103.0307

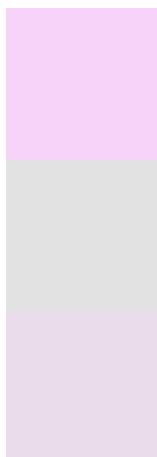
Deuteranomaly

75.9149, 72.8750, 98.8721

Tritanomaly

76.4857, 72.6139, 90.1054

Monochromacy



Original Color

78.5032, 72.7069, 99.5188

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3762, 74.6193, 88.3248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5032, 72.7069, 99.5188 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(247, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 249)  
}
```

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(247, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.5032, 72.7069, 99.5188 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(247, 210, 249) }
```


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

```
.border{ border-color:rgb(247, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 210,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5032, 72.7069, 99.5188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 210, 249) }
```

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

```
.background{ background-color: rgb(247,  
210, 249) }
```

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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