

Converting Colors

XYZ(78.8196, 72.7027, 97.0812)

Have a look what the booklet for
XYZ(78.8196, 72.7027, 97.0812)
contains.

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Color

**XYZ(78.8594, 72.5787,
97.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1F6
RGB	250, 209, 246
RGB Percent	98%, 82%, 96%
CMY	0.0196, 0.1804, 0.0353
CMYK	0.00, 0.16, 0.02, 0.02
HSL	306°, 80%, 90%
HSV	306°, 16%, 98%
XYZ	78.8594, 72.5787, 97.0415
YIQ	225.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

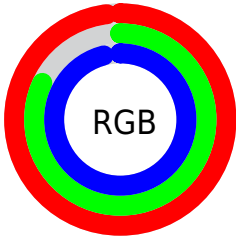
Format	Color
R _Y B	250, 209, 246
Decimal	16437750
CIE _{Lab}	88.25, 20.49, -12.73
CIE _{LCh}	88, 24.128, 328.143
Y _{xy}	72.5787, 0.3174, 0.2921
Android (android.graphics.Color)	4294627830 (0xFF _{FAD1F6})
Y _{UV}	225.4770, 10.1178, 21.5067
Hunter-Lab	85.1931, 16.1413, -7.9007

Details

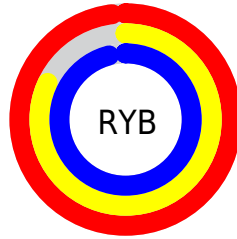
The XYZ color **78.8594, 72.5787, 97.0415** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.4932, 86.7329, 75.8751**, and the grayscale version is **71.8362, 75.5772, 82.3036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8422, 38.1664, 53.8240** is the 20% darker color. If you saturate the color by 10%, you get **72.8292, 61.1126, 93.1968**, and if you desaturate by 10%, it is **85.8612, 85.9779, 101.2360**.

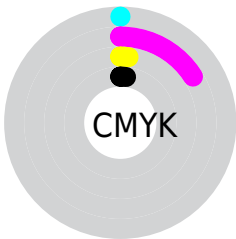
Distribution



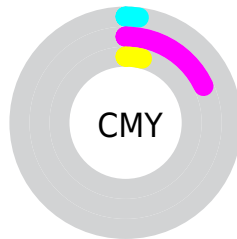
- Red (98%)
- Green (82%)
- Blue (96%)



- Red (98%)
- Yellow (82%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8594, 72.5787, 97.0415 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 78.8594, 72.5787, 97.0415 by changing the saturation by 10% instead.

78.8594, 72.5787,
97.0415

78.8594, 72.5787,
97.0415

479.8759,
469.5534, 571.8306

59.0854, 53.6315,
73.2290

130.7199,
122.8789, 159.1018

42.9285, 38.3072,
53.6703

163.5371,
155.0008, 198.1867

30.0233, 26.2212,
37.9468

201.4328,
192.2830, 243.1994

20.0045, 16.9892,
25.6399

244.7723,
235.1100, 294.5587

12.5066, 10.2268,
16.3311

293.9211,
283.8661, 352.6828

7.1643, 5.5496,
9.6018

349.2443,

3.6123, 2.5732,

338.9358, 417.9905

5.0336

411.1075,
400.7034, 490.9003

■ 1.4852, 0.9132,
2.2079

■ 0.3158, 0.0000,
0.6789

■ 78.8594, 72.5787,
97.0415

■ 78.8594, 72.5787,
97.0415

■ 72.8292, 61.1126,
93.1968

■ 85.8612, 85.9779,
101.2360

■ 67.7195, 51.4806,
89.6823

■ 92.5787, 98.8018,
105.3592

■ 63.4839, 43.5891,
86.4833

■ 92.9656, 98.9566,
107.3967

■ 60.0698, 37.3329,
83.5820

■ 93.2350, 99.0643,
108.8151

■ 57.4187, 32.5949,
80.9590

■ 55.4644, 29.2428,
78.5921

■ 54.1294, 27.1215,
76.4553

■ 53.3168, 26.0374,
74.5163

■ 53.0984, 25.7937,
73.8485

Harmonies

Analogous

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



74.3592, 72.5787, 110.5412



78.8594, 72.5787, 97.0415



80.6972, 72.5787, 80.0617

Triad

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



78.8594, 72.5787, 97.0415



69.3446, 72.5787, 51.2943



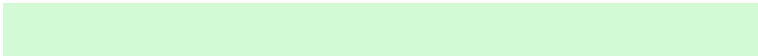
59.6419, 72.5787, 95.0074

Complementary

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



78.8594, 72.5787, 97.0415



72.4932, 86.7329, 75.8751

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.



58.4627, 72.5787, 77.9990



78.8594, 72.5787, 97.0415



63.8741, 72.5787, 54.1540

Square

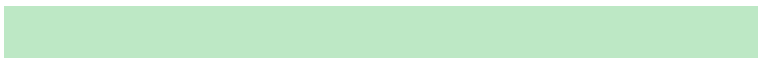
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



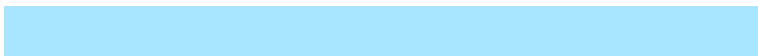
78.8594, 72.5787, 97.0415



75.0168, 72.5787, 54.9596



59.9693, 72.5787, 63.3905



63.2834, 72.5787, 109.2563

Rectangle

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



78.8594, 72.5787, 97.0415



80.0918, 72.5787, 69.5244



59.9693, 72.5787, 63.3905



58.9536, 72.5787, 89.3558

Sweetspot

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



78.8616, 72.5819, 97.0431



90.9169, 92.0533, 106.5373



67.3306, 66.5657, 99.7437



19.3402, 19.4733, 22.7339



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.



78.8616, 72.5819, 97.0431



80.0918, 71.3493, 100.0121



75.9663, 71.4237, 81.7966



17.9157, 17.4937, 21.4120



28.1947, 13.6936, 39.3294



2.6319, 1.2765, 3.7508

Inverse Universe

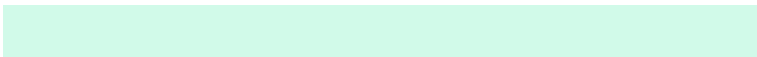
The Inverse Universe completely reimagines the original color for something new.



78.8616, 72.5819, 97.0431



80.0918, 71.3493, 100.0121



75.1788, 87.8071, 90.0170



17.9157, 17.4937, 21.4120



28.1947, 13.6936, 39.3294



2.6319, 1.2765, 3.7508

Previews

White Background



This preview shows how the XYZ color 78.8594, 72.5787, 97.0415 looks on a white background.

Color Contrast Check

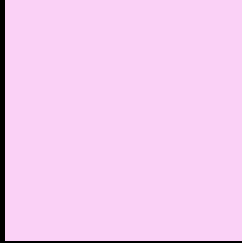
Large Text (above 18pt) WCAG AA × Fail

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 78.8594, 72.5787, 97.0415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

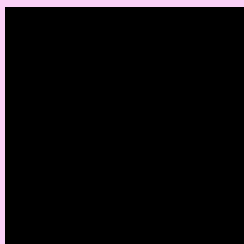
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8594, 72.5787, 97.0415

Background



This preview shows how black text looks on a background with the XYZ color 78.8594, 72.5787, 97.0415.



This preview shows how white text looks on a background with the XYZ color 78.8594, 72.5787,

97.0415.

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

78.8594, 72.5787, 97.0415

Protanopia

71.6417, 72.8772, 103.2193

Deuteranopia

74.3160, 72.8601, 96.5327



Tritanopia

76.3977, 72.7006, 84.1348

Trichromacy



Original Color

78.8594, 72.5787, 97.0415

Protanomaly

73.8061, 72.5078, 100.5479

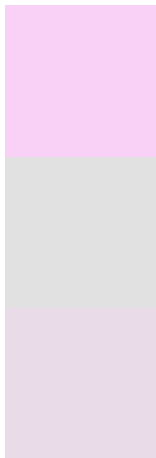
Deuteranomaly

75.8723, 72.5318, 96.3873

Tritanomaly

77.3566, 72.7264, 88.5577

Monochromacy



Original Color

78.8594, 72.5787, 97.0415

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9712, 74.0387, 87.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8594, 72.5787, 97.0415 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(250, 209, 246)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 246)  
}
```

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(250, 209, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.8594, 72.5787, 97.0415 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(250, 209, 246) }
```


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

```
.border{ border-color:rgb(250, 209, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8594, 72.5787, 97.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 246) }
```

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

```
.background{ background-color: rgb(250,  
209, 246) }
```

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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