

Converting Colors

XYZ(78.1236, 73.4794, 97.6571)

Have a look what the booklet for
XYZ(78.1236, 73.4794, 97.6571)
contains.

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Color

**XYZ(78.2389, 73.7164,
98.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D5F7
RGB	245, 213, 247
RGB Percent	96%, 84%, 97%
CMY	0.0392, 0.1647, 0.0314
CMYK	0.01, 0.14, 0.00, 0.03
HSL	296°, 68%, 90%
HSV	296°, 14%, 97%
XYZ	78.2389, 73.7164, 98.1007
YIQ	226.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

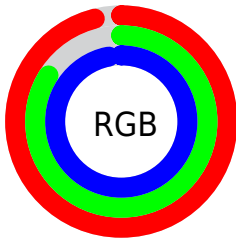
Format	Color
R _Y B	245, 213, 247
Decimal	16111095
CIE Lab	88.79, 16.92, -12.50
CIE LCh	89, 21.037, 323.551
Yxy	73.7164, 0.3129, 0.2948
Android (android.graphics.Color)	4294301175 (0xFFFF5D5F7)
YUV	226.4440, 10.1341, 16.2736
Hunter-Lab	85.8583, 12.4074, -7.6433

Details

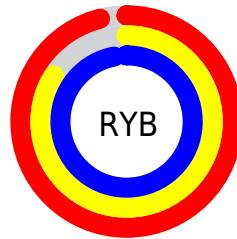
The XYZ color **78.2389, 73.7164, 98.1007** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2981, 85.7746, 75.6475**, and the grayscale version is **72.5367, 76.3143, 83.1062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6171, 39.0341, 54.5784** is the 20% darker color. If you saturate the color by 10%, you get **71.9890, 61.9650, 96.1630**, and if you desaturate by 10%, it is **85.4433, 87.3685, 100.3572**.

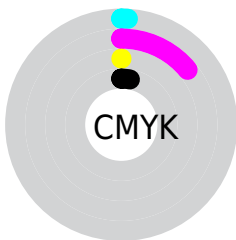
Distribution



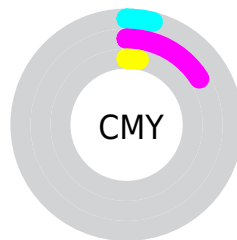
- Red (96%)
- Green (84%)
- Blue (97%)



- Red (96%)
- Yellow (84%)
- Blue (97%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2389, 73.7164, 98.1007 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 78.2389, 73.7164, 98.1007 by changing the saturation by 10% instead.


 78.2389, 73.7164,
98.1007

 78.2389, 73.7164,
98.1007

477.8052,
473.4940, 575.2806

 58.5737, 54.5620,
74.1073


129.8504,
124.4937, 160.5737

 42.5151, 39.0511,
54.3845


162.5275,
156.8853, 199.8904

 29.6977, 26.7995,
38.5139


200.2725,
194.4582, 245.1518

 19.7562, 17.4227,
26.0769

243.4509,
237.5966, 296.7767

 12.3252, 10.5363,
16.6549

292.4280,
286.6850, 355.1835

 7.0393, 5.7560,
9.8294

347.5692,

 3.5332, 2.6973,

342.1078, 420.7907

5.1819

409.2398,
404.2493, 494.0169

■ 1.4416, 0.9758,
2.2938

■ 0.2856, 0.0000,
0.7277

■ 78.2389, 73.7164,
98.1007

■ 78.2389, 73.7164,
98.1007

■ 71.9890, 61.9650,
96.1630

■ 85.4433, 87.3685,
100.3572

■ 66.6444, 52.0195,
94.5250

■ 91.2273, 98.1750,
102.1382

■ 62.1613, 43.7912,
93.1730

■ 91.7443, 98.4415,
102.1624

■ 58.4898, 37.1802,
92.0905

■ 92.2652, 98.7101,
102.1868

■ 55.5747, 32.0761,
91.2589

■ 92.7902, 98.9807,
102.2114

■ 53.3541, 28.3551,
90.6578

■ 93.3192, 99.2534,
102.2361

■ 51.7560, 25.8735,
90.2630

■ 93.7887, 99.4955,
102.2581

■ 50.6929, 24.4559,
90.0454

■ 50.2206, 23.9503,
89.9727

Harmonies

Analogous

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



74.0503, 73.7164, 108.8079



78.2389, 73.7164, 98.1007



80.2504, 73.7164, 83.4549

Triad

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



78.2389, 73.7164, 98.1007



71.1705, 73.7164, 55.5035



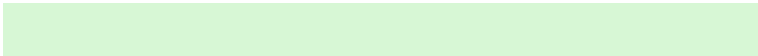
61.4685, 73.7164, 91.9970

Complementary

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



78.2389, 73.7164, 98.1007



73.2981, 85.7746, 75.6475

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.



60.7805, 73.7164, 77.1567



78.2389, 73.7164, 98.1007



66.2258, 73.7164, 57.2082

Square

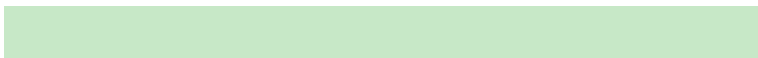
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



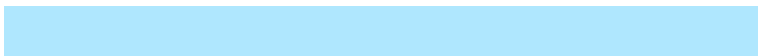
78.2389, 73.7164, 98.1007



76.0439, 73.7164, 59.7578



62.4816, 73.7164, 64.7331



64.4085, 73.7164, 104.9962

Rectangle

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



78.2389, 73.7164, 98.1007



80.0201, 73.7164, 73.8725



62.4816, 73.7164, 64.7331



60.9723, 73.7164, 87.0153

Sweetspot

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



78.2411, 73.7196, 98.1023



91.6615, 93.5502, 107.8337



68.6007, 69.6020, 97.8156



19.4870, 19.7722, 23.0393



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.



78.2411, 73.7196, 98.1023



81.8141, 74.9117, 104.7551



76.7578, 73.2073, 86.6299



17.1117, 16.7157, 20.8671



26.6029, 12.6886, 47.5850



2.3669, 1.1300, 4.1836

Inverse Universe

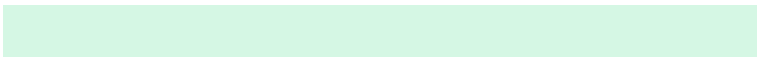
The Inverse Universe completely reimagines the original color for something new.



74.4204, 72.2723, 74.3213



76.8593, 73.0374, 73.7991



74.6705, 86.2562, 85.9211



16.5386, 16.4983, 17.3171



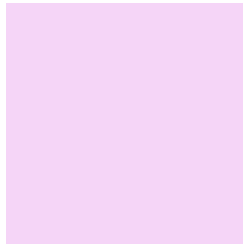
20.3463, 10.4819, 1.2660



1.8019, 0.9267, 0.1830

Previews

White Background



This preview shows how the XYZ color 78.2389, 73.7164, 98.1007 looks on a white background.

Color Contrast Check

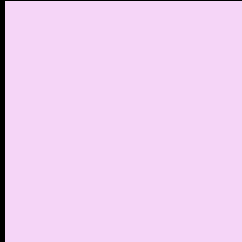
Large Text (above 18pt) WCAG AA × Fail

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 78.2389, 73.7164, 98.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

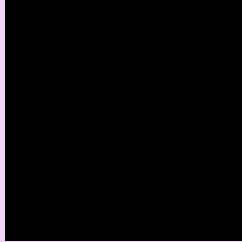
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2389, 73.7164, 98.1007

Background



This preview shows how black text looks on a background with the XYZ color 78.2389, 73.7164, 98.1007.



This preview shows how white text looks on a background with the XYZ color 78.2389, 73.7164,

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

78.2389, 73.7164, 98.1007

Protanopia

72.3406, 73.6466, 102.4979

Deuteranopia

75.3791, 73.7720, 97.4553



Tritanopia

75.8281, 73.4818, 86.5308

Trichromacy



Original Color

78.2389, 73.7164, 98.1007

Protanomaly

74.3216, 73.5389, 100.7197

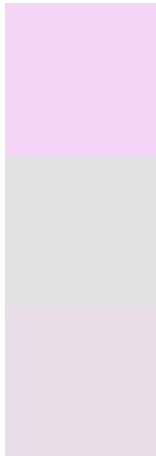
Deuteranomaly

76.4503, 73.9427, 97.4318

Tritanomaly

76.6409, 73.4407, 90.2568

Monochromacy



Original Color

78.2389, 73.7164, 98.1007

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3120, 74.9771, 88.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2389, 73.7164, 98.1007 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(245, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 247)  
}
```

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(245, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 78.2389, 73.7164, 98.1007 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(245, 213, 247) }
```


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

```
.border{ border-color:rgb(245, 213, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2389, 73.7164, 98.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 247) }
```

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

```
.background{ background-color: rgb(245,  
213, 247) }
```

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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