

Converting Colors

XYZ(78.6489, 73.7334, 98.4800)

Have a look what the booklet for
XYZ(78.6489, 73.7334, 98.4800)
contains.

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Color

**XYZ(78.5888, 73.8967,
98.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5F7
RGB	246, 213, 247
RGB Percent	96%, 84%, 97%
CMY	0.0353, 0.1647, 0.0314
CMYK	0.00, 0.14, 0.00, 0.03
HSL	298°, 68%, 90%
HSV	298°, 14%, 97%
XYZ	78.5888, 73.8967, 98.1171
YIQ	226.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

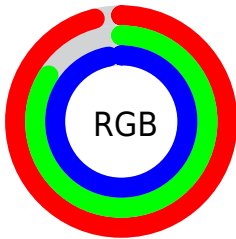
Format	Color
R_{YB}	246, 213, 247
Decimal	16176631
CIE _{Lab}	88.87, 17.25, -12.36
CIE _{LCh}	89, 21.223, 324.376
Yxy	73.8967, 0.3136, 0.2949
Android (android.graphics.Color)	4294366711 (0xFFFF6D5F7)
YUV	226.7430, 9.9867, 16.8884
Hunter-Lab	85.9632, 12.7517, -7.4985

Details

The XYZ color **78.5888, 73.8967, 98.1171** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0052, 85.6236, 75.6337**, and the grayscale version is **72.7542, 76.5430, 83.3554**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8660, 39.1625, 54.5900** is the 20% darker color. If you saturate the color by 10%, you get **72.5896, 62.2746, 96.1911**, and if you desaturate by 10%, it is **85.5395, 87.4180, 100.3617**.

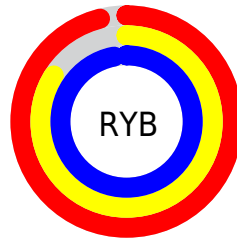
Distribution



Red (96%)

Green (84%)

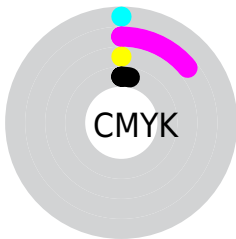
Blue (97%)



Red (96%)

Yellow (84%)

Blue (97%)

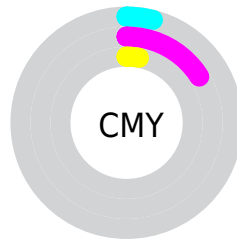


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (4%)


Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5888, 73.8967, 98.1171 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 78.5888, 73.8967, 98.1171 by changing the saturation by 10% instead.


 78.5888, 73.8967,
98.1171

 78.5888, 73.8967,
98.1171


478.9734,
474.1168, 575.3339

 58.8622, 54.7095,
74.1209


130.3408,
124.7494, 160.5965

 42.7482, 39.1692,
54.3956


163.0970,
157.1836, 199.9167

 29.8812, 26.8914,
38.5227


200.9270,
194.8023, 245.1820

 19.8961, 17.4917,
26.0836

244.1963,
237.9899, 296.8110

 12.4274, 10.5856,
16.6599

293.2703,
287.1307, 355.2221

 7.1097, 5.7890,
9.8329

348.5142,

 3.5777, 2.7172,

342.6092, 420.8340

5.1842

410.2935,
404.8098, 494.0650

■ 1.4661, 0.9859,
2.2951

■ 0.3026, 0.0000,
0.7285

■ 78.5888, 73.8967,
98.1171

■ 78.5888, 73.8967,
98.1171

■ 72.5896, 62.2746,
96.1911

■ 85.5395, 87.4180,
100.3617

■ 67.4927, 52.4568,
94.5647

■ 91.0669, 98.0923,
102.1308

■ 63.2544, 44.3547,
93.2242

■ 91.3242, 98.2250,
102.1428

■ 59.8247, 37.8683,
92.1530

■ 91.5824, 98.3581,
102.1549

57.1485, 32.8874,
91.3326

91.8417, 98.4918,
102.1670

55.1637, 29.2880,
90.7425

92.1020, 98.6259,
102.1792

53.7986, 26.9264,
90.3586

92.3632, 98.7606,
102.1914

52.9655, 25.6275,
90.1518

92.6255, 98.8958,
102.2037

52.6352, 25.1950,
90.0857

92.8888, 99.0316,
102.2160

Harmonies

Analogous

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



74.3992, 73.8967, 109.1246



78.5888, 73.8967, 98.1171



80.5489, 73.8967, 83.2694

Triad

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



78.5888, 73.8967, 98.1171



71.2105, 73.8967, 55.4305



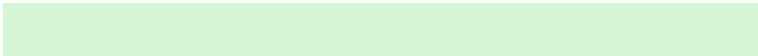
61.6056, 73.8967, 92.7300

Complementary

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



78.5888, 73.8967, 98.1171



73.0052, 85.6236, 75.6337

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.



60.8443, 73.8967, 77.7164



78.5888, 73.8967, 98.1171



66.2322, 73.8967, 57.3152

Square

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



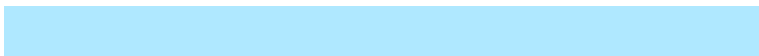
78.5888, 73.8967, 98.1171



76.1577, 73.8967, 59.5583



62.4982, 73.8967, 65.0612



64.6306, 73.8967, 105.7581

Rectangle

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



78.5888, 73.8967, 98.1171



80.2620, 73.8967, 73.6294



62.4982, 73.8967, 65.0612



61.0829, 73.8967, 87.7025

Sweetspot

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



78.5910, 73.8999, 98.1187



91.7717, 93.6070, 107.8388



68.3126, 69.0258, 97.7196



19.5150, 19.7866, 23.0406



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.



78.5910, 73.8999, 98.1187



82.2787, 75.1512, 104.7768



76.5970, 73.1429, 85.7834



17.1626, 16.7420, 20.8695



27.8592, 13.3362, 47.6438



2.4635, 1.1798, 4.1881

Inverse Universe

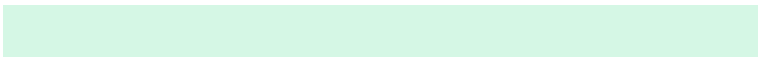
The Inverse Universe completely reimagines the original color for something new.



74.2921, 72.2210, 73.6462



76.6968, 72.9724, 72.9434



74.8281, 86.3192, 86.7512



16.5189, 16.4904, 17.2130



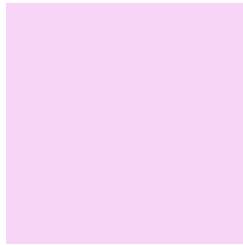
20.3162, 10.4699, 1.1073



1.7924, 0.9229, 0.1332

Previews

White Background



This preview shows how the XYZ color 78.5888, 73.8967, 98.1171 looks on a white background.

Color Contrast Check

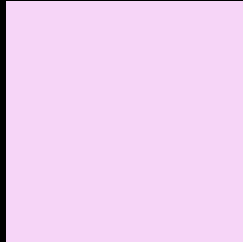
Large Text (above 18pt) WCAG AA × Fail

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 78.5888, 73.8967, 98.1171 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 78.5888, 73.8967, 98.1171

Background



This preview shows how black text looks on a background with the XYZ color 78.5888, 73.8967, 98.1171.



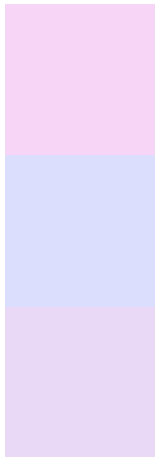
This preview shows how white text looks on a background with the XYZ color 78.5888, 73.8967,

98.1171.

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

78.5888, 73.8967, 98.1171

Protanopia

73.0643, 74.3945, 103.4372

Deuteranopia

75.3791, 73.7720, 97.4553



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

78.5888, 73.8967, 98.1171

Protanomaly

75.0572, 74.2861, 101.6495

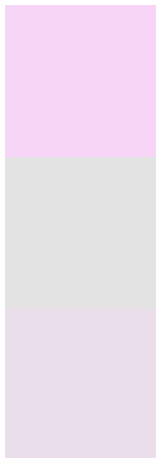
Deuteranomaly

76.4503, 73.9427, 97.4318

Tritanomaly

76.9888, 73.6200, 90.2731

Monochromacy



Original Color

78.5888, 73.8967, 98.1171

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.9042, 75.6755, 88.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5888, 73.8967, 98.1171 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(246, 213, 247) looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 78.5888, 73.8967, 98.1171 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(246, 213, 247) }
```


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

```
.border{ border-color:rgb(246, 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(246, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5888, 73.8967, 98.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 247) }
```

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

```
.background{ background-color: rgb(246,  
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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