

Converting Colors

XYZ(78.4938, 73.3945, 98.1938)

Have a look what the booklet for
XYZ(78.4938, 73.3945, 98.1938)
contains.

XYZ(78.6898, 73.5765, 98.0500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.6898, 73.5765,
98.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4F7
RGB	247, 212, 247
RGB Percent	97%, 83%, 97%
CMY	0.0314, 0.1686, 0.0314
CMYK	0.00, 0.14, 0.00, 0.03
HSL	300°, 69%, 90%
HSV	300°, 14%, 97%
XYZ	78.6898, 73.5765, 98.0500
YIQ	226.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

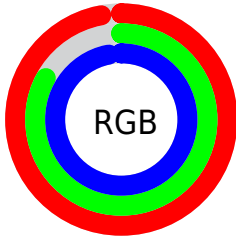
Format	Color
R _Y B	247, 212, 247
Decimal	16241911
CIE Lab	88.72, 18.11, -12.58
CIE LCh	89, 22.047, 325.211
Yxy	73.5765, 0.3144, 0.2939
Android (android.graphics.Color)	4294431991 (0xFFFF7D4F7)
YUV	226.4550, 10.1287, 18.0180
Hunter-Lab	85.7767, 13.6429, -7.7297

Details

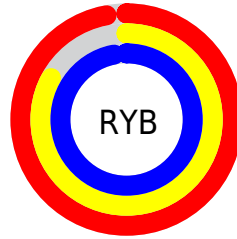
The XYZ color **78.6898, 73.5765, 98.0500** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.2987, 85.2743, 74.9403**, and the grayscale version is **72.5439, 76.3219, 83.1145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6961, 38.8227, 54.5334** is the 20% darker color. If you saturate the color by 10%, you get **72.9822, 62.1603, 96.1481**, and if you desaturate by 10%, it is **85.3462, 86.8881, 100.2699**.

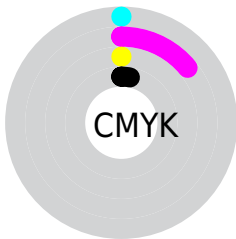
Distribution



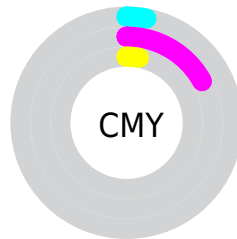
- Red (97%)
- Green (83%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6898, 73.5765, 98.0500 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 78.6898, 73.5765, 98.0500 by changing the saturation by 10% instead.

78.6898, 73.5765,
98.0500

78.6898, 73.5765,
98.0500

479.3104,
473.0104, 575.1157

58.9455, 54.4475,
74.0652

130.4823,
124.2953, 160.5033

42.8155, 38.9595,
54.3503

163.2613,
156.6538, 199.8089

29.9343, 26.7283,
38.4867

201.1158,
194.1910, 245.0585

19.9365, 17.3692,
26.0559

244.4114,
237.2913, 296.6706

12.4569, 10.4981,
16.6393

293.5133,
286.3389, 355.0639

7.1301, 5.7304,
9.8184

348.7868,

3.5906, 2.6819,

341.7184, 420.6568

5.1747

410.5974,
403.8141, 493.8679

■ 1.4732, 0.9680,
2.2896

■ 0.3075, 0.0000,
0.7254

■ 78.6898, 73.5765,
98.0500

■ 78.6898, 73.5765,
98.0500

■ 72.9822, 62.1603,
96.1481

■ 85.3462, 86.8881,
100.2699

■ 68.1742, 52.5443,
94.5452


■ 90.9072, 98.0100,
102.1238


■ 64.2218, 44.6396,
93.2275


■ 90.9073, 98.0100,
102.1241


■ 61.0749, 38.3459,
92.1783


■ 90.9073, 98.0100,
102.1243


 58.6782, 33.5525,
91.3791


 90.9074, 98.0101,
102.1246


 56.9692, 30.1346,
90.8093


 90.9074, 98.0101,
102.1248


 55.8757, 27.9477,
90.4445

 90.9075, 98.0101,
102.1251

 55.3093, 26.8149,
90.2555

 90.9075, 98.0101,
102.1253

 55.1467, 26.4898,
90.2011

 90.9076, 98.0101,
102.1256

Harmonies

Analogous

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



74.3884, 73.5765, 109.7050



78.6898, 73.5765, 98.0500



80.6486, 73.5765, 82.5875

Triad

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



78.6898, 73.5765, 98.0500



70.7913, 73.5765, 54.2821



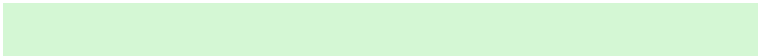
61.0649, 73.5765, 93.2740

Complementary

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



78.6898, 73.5765, 98.0500



72.2987, 85.2743, 74.9403

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.



60.2099, 73.5765, 77.6870



78.6898, 73.5765, 98.0500



65.6577, 73.5765, 56.3862

Square

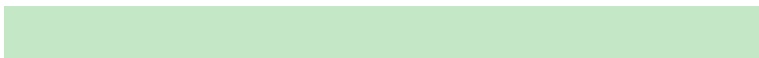
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



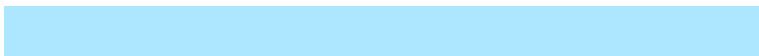
78.6898, 73.5765, 98.0500



75.9432, 73.5765, 58.3471



61.8498, 73.5765, 64.5077



64.2471, 73.5765, 106.7113

Rectangle

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



78.6898, 73.5765, 98.0500



80.2937, 73.5765, 72.6566



61.8498, 73.5765, 64.5077



60.5029, 73.5765, 88.0614

Sweetspot

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



78.6920, 73.5797, 98.0516



91.8819, 93.6639, 107.8439



67.4866, 67.8031, 97.5275



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.



78.6920, 73.5797, 98.0516



82.7460, 75.3921, 104.7982



76.1166, 72.5495, 84.4897



17.2137, 16.7683, 20.8719



29.1648, 14.0094, 47.7036



2.5633, 1.2313, 4.1927

Inverse Universe

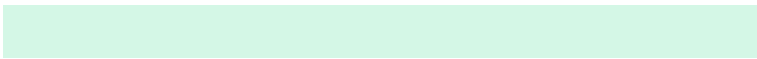
The Inverse Universe completely reimagines the original color for something new.



78.6920, 73.5797, 98.0516



82.7460, 75.3921, 104.7982



74.6276, 86.2058, 87.2041



17.2137, 16.7683, 20.8719



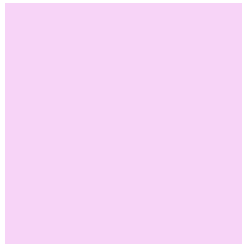
29.1648, 14.0094, 47.7036



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 78.6898, 73.5765, 98.0500 looks on a white background.

Color Contrast Check

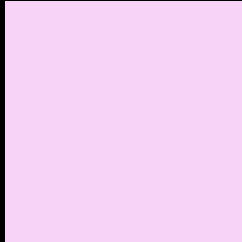
Large Text (above 18pt) WCAG AA × Fail

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 78.6898, 73.5765, 98.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

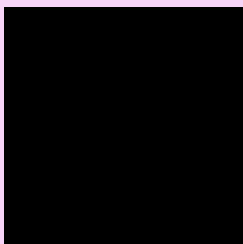
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6898, 73.5765, 98.0500

Background



This preview shows how black text looks on a background with the XYZ color 78.6898, 73.5765, 98.0500.



This preview shows how white text looks on a background with the XYZ color 78.6898, 73.5765,

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

78.6898, 73.5765, 98.0500

Protanopia

72.4995, 73.7102, 103.3349

Deuteranopia

75.3791, 73.7720, 97.4553



Tritanopia

76.3804, 73.7829, 85.8171

Trichromacy



Original Color

78.6898, 73.5765, 98.0500

Protanomaly

74.7971, 73.7659, 101.5628

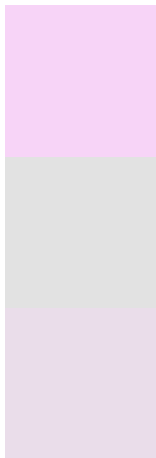
Deuteranomaly

76.5316, 73.6054, 97.3624

Tritanomaly

77.3387, 73.8004, 90.2895

Monochromacy



Original Color

78.6898, 73.5765, 98.0500

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 78.6898, 73.5765, 98.0500 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, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 78.6898, 73.5765, 98.0500 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, 212, 247) }
```


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

```
.border{ border-color:rgb(247, 212, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 212, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6898, 73.5765, 98.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 247) }
```

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

```
.background{ background-color: rgb(247,  
212, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor