

Converting Colors

XYZ(78.5625, 73.2337, 98.5695)

Have a look what the booklet for
XYZ(78.5625, 73.2337, 98.5695)
contains.

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Color

**XYZ(78.5953, 73.1400,
98.7819)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D3F8
RGB	247, 211, 248
RGB Percent	97%, 83%, 97%
CMY	0.0314, 0.1725, 0.0274
CMYK	0.00, 0.15, 0.00, 0.03
HSL	298°, 73%, 90%
HSV	298°, 15%, 97%
XYZ	78.5953, 73.1400, 98.7819
YIQ	225.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

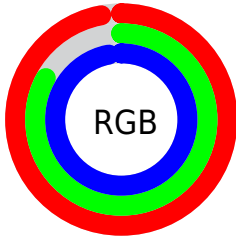
Format	Color
R _Y B	247, 211, 248
Decimal	16241656
CIE Lab	88.51, 18.81, -13.42
CIE LCh	89, 23.107, 324.505
Yxy	73.1400, 0.3137, 0.2920
Android (android.graphics.Color)	4294431736 (0xFFF7D3F8)
YUV	225.9820, 10.8549, 18.4328
Hunter-Lab	85.5219, 14.3795, -8.6174

Details

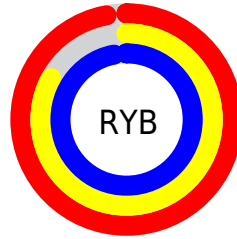
The XYZ color **78.5953, 73.1400, 98.7819** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.4793, 85.8369, 74.3798**, and the grayscale version is **72.1968, 75.9566, 82.7168**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6381, 38.5299, 55.0589** is the 20% darker color. If you saturate the color by 10%, you get **72.6681, 61.6347, 96.8746**, and if you desaturate by 10%, it is **85.4781, 86.5530, 101.0092**.

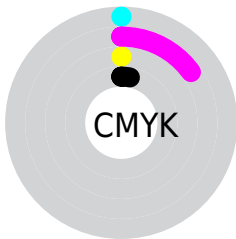
Distribution



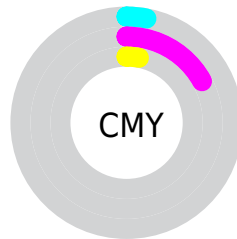
- Red (97%)
- Green (83%)
- Blue (97%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5953, 73.1400, 98.7819 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 78.5953, 73.1400, 98.7819 by changing the saturation by 10% instead.

78.5953, 73.1400,
98.7819

78.5953, 73.1400,
98.7819

478.9951,
471.4999, 577.4935

58.8676, 54.0904,
74.6724

130.3499,
123.6759, 161.5195

42.7525, 38.6740,
54.8445

163.1075,
155.9311, 200.9847

29.8847, 26.5062,
38.8795

200.9392,
193.3570, 246.4055

19.8987, 17.2027,
26.3588

244.2102,
236.3378, 298.2006

12.4293, 10.3791,
16.8641

293.2859,
285.2582, 356.7883

7.1110, 5.6510,
9.9767

348.5318,

3.5786, 2.6341,

340.5024, 422.5874

5.2781

410.3131,
402.4548, 496.0163

■ 1.4666, 0.9438,
2.3498

■ 0.3029, 0.0000,
0.7589

■ 78.5953, 73.1400,
98.7819

■ 78.5953, 73.1400,
98.7819

■ 72.6681, 61.6347,
96.8746

■ 85.4781, 86.5530,
101.0092

■ 67.6467, 51.9407,
95.2682

■ 91.5362, 98.3164,
102.9605

■ 63.4863, 43.9676,
93.9485

■ 91.7747, 98.4393,
102.9716

■ 60.1359, 37.6134,
92.8986

■ 92.0140, 98.5627,
102.9828

57.5393, 32.7653,
92.0997

92.2542, 98.6865,
102.9941

55.6328, 29.2962,
91.5305

92.4952, 98.8108,
103.0053

54.3424, 27.0581,
91.1665

92.7371, 98.9355,
103.0167

53.5771, 25.8689,
90.9773

92.9798, 99.0606,
103.0280

53.3216, 25.5310,
90.9256

93.2234, 99.1862,
103.0394

Harmonies

Analogous

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



74.0493, 73.1400, 110.8918



78.5953, 73.1400, 98.7819



80.7181, 73.1400, 82.6066

Triad

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



78.5953, 73.1400, 98.7819



70.5467, 73.1400, 52.8692



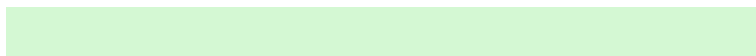
60.2312, 73.1400, 93.0318

Complementary

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



78.5953, 73.1400, 98.7819



72.4793, 85.8369, 74.3798

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.



59.4039, 73.1400, 76.7395



78.5953, 73.1400, 98.7819



65.1742, 73.1400, 54.8873

Square

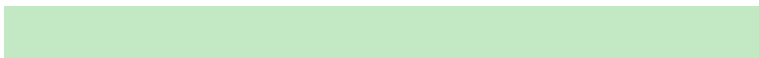
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



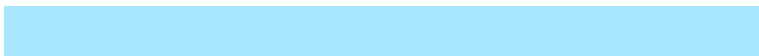
78.5953, 73.1400, 98.7819



75.9151, 73.1400, 57.2080



61.1668, 73.1400, 63.1408



63.4896, 73.1400, 107.2740

Rectangle

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



78.5953, 73.1400, 98.7819



80.3961, 73.1400, 72.2075



61.1668, 73.1400, 63.1408



59.6671, 73.1400, 87.5594

Sweetspot

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



78.5975, 73.1432, 98.7835



91.7806, 93.6116, 107.8392



67.4123, 67.8336, 98.3481



19.5173, 19.7878, 23.0407



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.



78.5975, 73.1432, 98.7835



81.6602, 73.8955, 104.5671



76.3941, 72.3027, 85.3358



17.9439, 17.4993, 21.8172



28.8245, 13.8023, 49.1184



2.6839, 1.2857, 4.5499

Inverse Universe

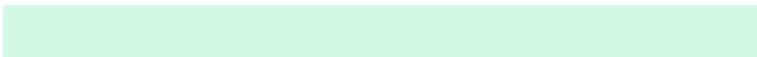
The Inverse Universe completely reimagines the original color for something new.



73.8918, 71.3018, 72.1589



75.7403, 71.5801, 71.0197



74.4745, 86.6018, 86.3862



17.2636, 17.2328, 17.9780



20.9399, 10.7917, 1.1258



1.9459, 1.0021, 0.1384

Previews

White Background



This preview shows how the XYZ color 78.5953, 73.1400, 98.7819 looks on a white background.

Color Contrast Check

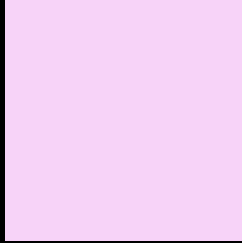
Large Text (above 18pt) WCAG AA × Fail

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 78.5953, 73.1400, 98.7819 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 78.5953, 73.1400, 98.7819

Background



This preview shows how black text looks on a background with the XYZ color 78.5953, 73.1400, 98.7819.



This preview shows how white text looks on a background with the XYZ color 78.5953, 73.1400,

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

78.5953, 73.1400, 98.7819

Protanopia

72.3611, 73.6204, 104.1622

Deuteranopia

74.9486, 73.1508, 98.1650



Tritanopia

75.7786, 73.0958, 85.7162

Trichromacy



Original Color

78.5953, 73.1400, 98.7819

Protanomaly

74.3784, 73.1480, 102.2943

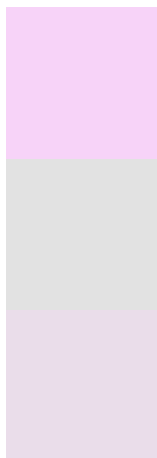
Deuteranomaly

76.0950, 72.9857, 98.0727

Tritanomaly

76.7365, 73.1154, 90.1890

Monochromacy



Original Color

78.5953, 73.1400, 98.7819

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 78.5953, 73.1400, 98.7819 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, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(247, 211, 248)  
}
```

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, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 78.5953, 73.1400, 98.7819 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, 211, 248) }
```


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

```
.border{ border-color:rgb(247, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(247, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5953, 73.1400, 98.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 211, 248) }
```

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

```
.background{ background-color: rgb(247,  
211, 248) }
```

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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