

Converting Colors

XYZ(78.0030, 72.5694, 98.1752)

Have a look what the booklet for
XYZ(78.0030, 72.5694, 98.1752)
contains.

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Color

**XYZ(77.8411, 72.4014,
97.8679)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D2F7
RGB	246, 210, 247
RGB Percent	96%, 82%, 97%
CMY	0.0353, 0.1764, 0.0314
CMYK	0.00, 0.15, 0.00, 0.03
HSL	298°, 70%, 90%
HSV	298°, 15%, 97%
XYZ	77.8411, 72.4014, 97.8679
YIQ	224.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

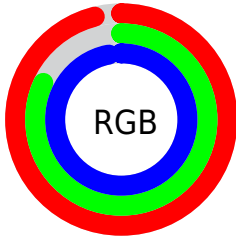
Format	Color
R _Y B	246, 210, 247
Decimal	16175863
CIE Lab	88.16, 18.83, -13.43
CIE LCh	88, 23.125, 324.508
Yxy	72.4014, 0.3137, 0.2918
Android (android.graphics.Color)	4294365943 (0xFFFF6D2F7)
YUV	224.9820, 10.8549, 18.4328
Hunter-Lab	85.0890, 14.3895, -8.6320

Details

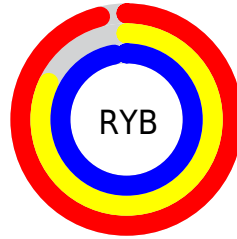
The XYZ color **77.8411, 72.4014, 97.8679** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7602, 85.0254, 73.6058**, and the grayscale version is **71.4766, 75.1989, 81.8916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1116, 38.0231, 54.4099** is the 20% darker color. If you saturate the color by 10%, you get **71.9745, 61.0140, 95.9802**, and if you desaturate by 10%, it is **84.6540, 85.6778, 100.0725**.

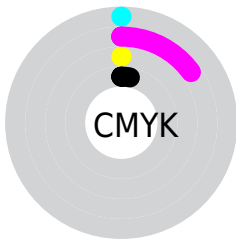
Distribution



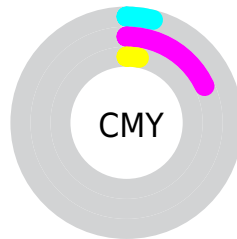
- Red (96%)
- Green (82%)
- Blue (97%)



- Red (96%)
- Yellow (82%)
- Blue (97%)



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



- Cyan (4%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8411, 72.4014, 97.8679 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 77.8411, 72.4014, 97.8679 by changing the saturation by 10% instead.

77.8411, 72.4014,
97.8679

77.8411, 72.4014,
97.8679

476.4751,
468.9375, 574.5233

58.2458, 53.4866,
73.9142

129.2927,
122.6270, 160.2503

42.2503, 38.1914,
54.2275

161.8796,
154.7067, 199.5161

29.4893, 26.1313,
38.3891

199.5278,
191.9435, 244.7230

19.5974, 16.9219,
25.9807

242.6026,
234.7217, 296.2896

12.2093, 10.1788,
16.5835

291.4694,
283.4259, 354.6344

6.9596, 5.5177,
9.7792

346.4935,

3.4830, 2.5541,

338.4403, 420.1759

5.1491

408.0403,
400.1494, 493.3327

■ 1.4140, 0.9036,
2.2748

■ 0.2662, 0.0000,
0.7170

■ 77.8411, 72.4014,
97.8679

■ 77.8411, 72.4014,
97.8679

■ 71.9745, 61.0140,
95.9802

■ 84.6540, 85.6778,
100.0725

■ 67.0047, 51.4200,
94.3903

■ 91.0253, 98.0709,
102.1288

■ 62.8874, 43.5300,
93.0844

■ 91.2616, 98.1927,
102.1399

■ 59.5722, 37.2429,
92.0456

■ 91.4987, 98.3149,
102.1510

57.0032, 32.4469,
91.2553

91.7366, 98.4376,
102.1621

55.1175, 29.0162,
90.6924

91.9754, 98.5607,
102.1733

53.8416, 26.8039,
90.3327

92.2151, 98.6842,
102.1845

53.0853, 25.6296,
90.1459

92.4556, 98.8082,
102.1957

52.8347, 25.2979,
90.0951

92.6969, 98.9326,
102.2070

Harmonies

Analogous

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



73.3212, 72.4014, 109.9151



77.8411, 72.4014, 97.8679



79.9517, 72.4014, 81.7832

Triad

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



77.8411, 72.4014, 97.8679



69.8380, 72.4014, 52.2391



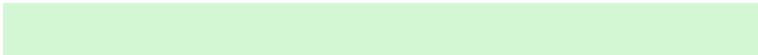
59.5865, 72.4014, 92.1523

Complementary

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



77.8411, 72.4014, 97.8679



71.7602, 85.0254, 73.6058

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.



58.7643, 72.4014, 75.9543



77.8411, 72.4014, 97.8679



64.4980, 72.4014, 54.2435

Square

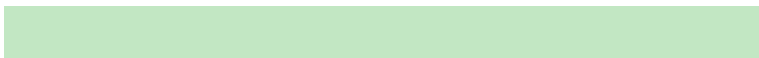
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



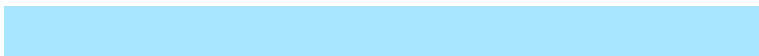
77.8411, 72.4014, 97.8679



75.1753, 72.4014, 56.5468



60.5158, 72.4014, 62.4413



62.8246, 72.4014, 106.3179

Rectangle

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



77.8411, 72.4014, 97.8679



79.6313, 72.4014, 71.4472



60.5158, 72.4014, 62.4413



59.0260, 72.4014, 86.7107

Sweetspot

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



77.8433, 72.4045, 97.8695



91.7806, 93.6116, 107.8392



66.7223, 67.1252, 97.4366



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.



77.8433, 72.4045, 97.8695



81.6601, 73.8955, 104.5670



75.6522, 71.5687, 84.4960



17.1667, 16.7441, 20.8697



27.9629, 13.3897, 47.6487



2.4714, 1.1839, 4.1885

Inverse Universe

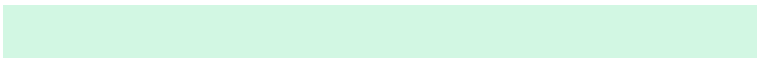
The Inverse Universe completely reimagines the original color for something new.



73.1648, 70.5738, 71.3975



75.7403, 71.5801, 71.0198



73.7436, 85.7858, 85.5404



16.5173, 16.4898, 17.2046



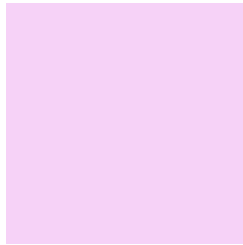
20.3137, 10.4689, 1.0945



1.7916, 0.9226, 0.1292

Previews

White Background



This preview shows how the XYZ color 77.8411, 72.4014, 97.8679 looks on a white background.

Color Contrast Check

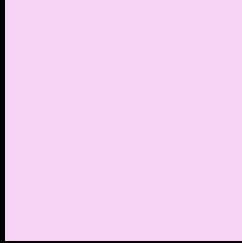
Large Text (above 18pt) WCAG AA × Fail

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 77.8411, 72.4014, 97.8679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

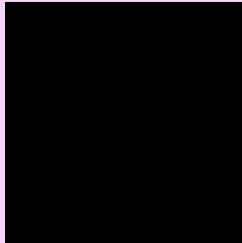
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8411, 72.4014, 97.8679

Background



This preview shows how black text looks on a background with the XYZ color 77.8411, 72.4014, 97.8679.



This preview shows how white text looks on a background with the XYZ color 77.8411, 72.4014,

97.8679.

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

77.8411, 72.4014, 97.8679

Protanopia

71.6417, 72.8772, 103.2193

Deuteranopia

73.8900, 72.2436, 97.2388



Tritanopia

75.0393, 72.3564, 84.8741

Trichromacy



Original Color

77.8411, 72.4014, 97.8679

Protanomaly

73.6470, 72.4077, 101.3612

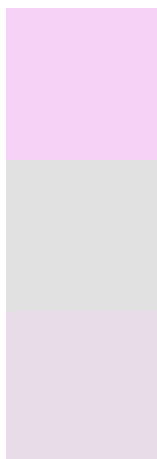
Deuteranomaly

75.0209, 72.0752, 97.1467

Tritanomaly

75.9920, 72.3762, 89.3217

Monochromacy



Original Color

77.8411, 72.4014, 97.8679

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9055, 74.3932, 87.5549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8411, 72.4014, 97.8679 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, 210, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 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, 210, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 247) }
```

Border

The CSS property to change the border of an element to XYZ 77.8411, 72.4014, 97.8679 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, 210, 247) }
```


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

```
.border{ border-color:rgb(246, 210, 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, 210, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8411, 72.4014, 97.8679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 247) }
```

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

```
.background{ background-color: rgb(246,  
210, 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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