

Converting Colors

XYZ(76.9311, 71.5777, 89.6718)

Have a look what the booklet for
XYZ(76.9311, 71.5777, 89.6718)
contains.

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Color

**XYZ(77.1534, 71.8551,
89.9238)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D1ED
RGB	249, 209, 237
RGB Percent	98%, 82%, 93%
CMY	0.0235, 0.1804, 0.0706
CMYK	0.00, 0.16, 0.05, 0.02
HSL	318°, 77%, 90%
HSV	318°, 16%, 98%
XYZ	77.1534, 71.8551, 89.9238
YIQ	224.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

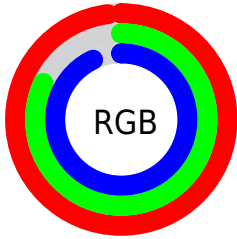
Format	Color
R _Y B	249, 209, 237
Decimal	16372205
CIE Lab	87.90, 18.58, -8.51
CIE LCh	88, 20.434, 335.394
Yxy	71.8551, 0.3229, 0.3007
Android (android.graphics.Color)	4294562285 (0xFFFF9D1ED)
YUV	224.1520, 6.3341, 21.7917
Hunter-Lab	84.7674, 14.1238, -3.5594

Details

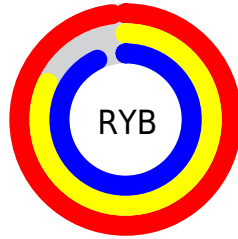
The XYZ color **77.1534, 71.8551, 89.9238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2241, 86.5290, 81.2530**, and the grayscale version is **70.9107, 74.6035, 81.2432**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6343, 37.6539, 48.7896** is the 20% darker color. If you saturate the color by 10%, you get **70.4469, 60.1517, 82.4153**, and if you desaturate by 10%, it is **84.8643, 85.4924, 97.9932**.

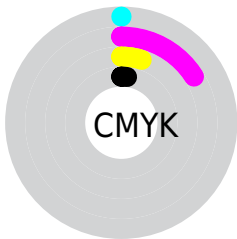
Distribution



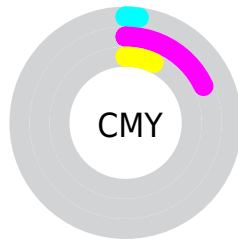
- Red (98%)
- Green (82%)
- Blue (93%)



- Red (98%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1534, 71.8551, 89.9238 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 77.1534, 71.8551, 89.9238 by changing the saturation by 10% instead.


 77.1534, 71.8551,
89.9238

 77.1534, 71.8551,
89.9238


474.1708,
467.0371, 548.3466

 57.6791, 53.0403,
67.3441

128.3277,
121.8505, 149.1671

 41.7930, 37.8350,
48.9010

160.7584,
153.7999, 186.6678

 29.1297, 25.8546,
34.1759


198.2387,
190.8963, 229.9793

 19.3237, 16.7149,
22.7503

241.1339,
233.5241, 279.5200

 12.0098, 10.0314,
14.2057

289.8094,
282.0677, 335.7086

 6.8226, 5.4198,
8.1235

344.6304,

 3.3967, 2.4956,

336.9114, 398.9635

4.0851

405.9625,
398.4398, 469.7034

■ 1.3669, 0.8744,
1.6722

■ 0.2324, 0.0000,
0.3416

■ 77.1534, 71.8551,
89.9238

■ 77.1534, 71.8551,
89.9238

■ 70.4469, 60.1517,
82.4153

■ 84.8643, 85.4924,
97.9932

■ 64.6937, 50.2841,
75.4454

■ 92.3890, 98.6846,
106.2266

■ 59.8477, 42.1599,
68.9969

■ 92.8773, 98.8799,
108.7983

■ 55.8563, 35.6747,
63.0494

■ 52.6612, 30.7130,
57.5806

■ 50.1966, 27.1441,
52.5657

■ 48.3857, 24.8151,
47.9760

■ 47.1331, 23.5365,
43.7769

■ 46.7360, 23.2074,
42.2109

Harmonies

Analogous

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



73.8552, 71.8551, 102.1562



77.1534, 71.8551, 89.9238



78.0326, 71.8551, 75.7479

Triad

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



77.1534, 71.8551, 89.9238



67.4210, 71.8551, 54.4951



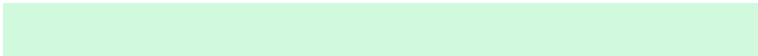
60.9551, 71.8551, 94.7926

Complementary

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



77.1534, 71.8551, 89.9238



73.2241, 86.5290, 81.2530

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.



59.4052, 71.8551, 80.7821



77.1534, 71.8551, 89.9238



63.0232, 71.8551, 58.3788

Square

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



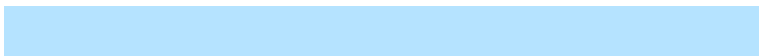
77.1534, 71.8551, 89.9238



72.2631, 71.8551, 56.3326



60.1441, 71.8551, 67.6111



64.4771, 71.8551, 105.1927

Rectangle

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



77.1534, 71.8551, 89.9238



77.0944, 71.8551, 67.3086



60.1441, 71.8551, 67.6111



60.1940, 71.8551, 90.2907

Sweetspot

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



77.1555, 71.8583, 89.9253



90.5067, 91.8892, 104.3774



69.7211, 67.8163, 99.0386



19.2403, 19.4333, 22.2076



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

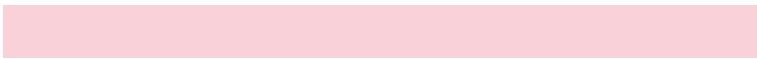
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1555, 71.8583, 89.9253



79.2411, 71.9868, 92.5180



74.3943, 70.7538, 75.3848



17.7582, 17.4306, 20.5824



25.0826, 12.4487, 22.9410



2.3699, 1.1717, 2.3712

Inverse Universe

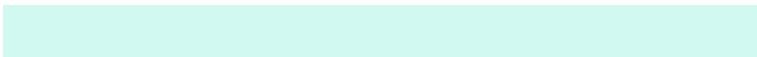
The Inverse Universe completely reimagines the original color for something new.



77.1555, 71.8583, 89.9253



79.2411, 71.9868, 92.5180



76.0497, 87.6592, 96.1324



17.7582, 17.4306, 20.5824



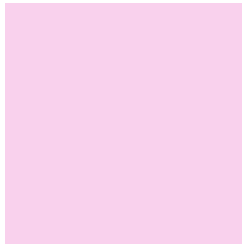
25.0826, 12.4487, 22.9410



2.3699, 1.1717, 2.3712

Previews

White Background



This preview shows how the XYZ color 77.1534, 71.8551, 89.9238 looks on a white background.

Color Contrast Check

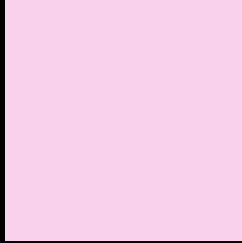
Large Text (above 18pt) WCAG AA × Fail

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 77.1534, 71.8551, 89.9238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

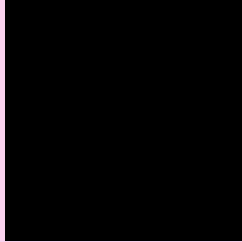
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1534, 71.8551, 89.9238

Background



This preview shows how black text looks on a background with the XYZ color 77.1534, 71.8551, 89.9238.



This preview shows how white text looks on a background with the XYZ color 77.1534, 71.8551,

89.9238.

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

77.1534, 71.8551, 89.9238

Protanopia

70.4226, 72.0395, 94.9874

Deuteranopia

73.4478, 71.8114, 89.3468



Tritanopia

75.8708, 72.0910, 82.5892

Trichromacy



Original Color

77.1534, 71.8551, 89.9238

Protanomaly

72.4907, 71.6098, 93.2205

Deuteranomaly

74.6190, 71.6684, 89.2574

Tritanomaly

76.1818, 71.8192, 85.4486

Monochromacy



Original Color

77.1534, 71.8551, 89.9238

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0786, 73.6438, 84.4918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1534, 71.8551, 89.9238 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(249, 209, 237) looks like.

```
.text, #text, p{  
    color:rgb(249, 209, 237)  
}
```

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(249, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 209, 237) }
```

Border

The CSS property to change the border of an element to XYZ 77.1534, 71.8551, 89.9238 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(249, 209, 237) }
```


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

```
.border{ border-color:rgb(249, 209, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 209,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1534, 71.8551, 89.9238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 209, 237) }
```

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

```
.background{ background-color: rgb(249,  
209, 237) }
```

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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