

Converting Colors

XYZ(74.9519, 72.5334, 79.1005)

Have a look what the booklet for
XYZ(74.9519, 72.5334, 79.1005)
contains.

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Color

**XYZ(74.9851, 72.4553,
79.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5DE
RGB	246, 213, 222
RGB Percent	96%, 84%, 87%
CMY	0.0353, 0.1647, 0.1294
CMYK	0.00, 0.13, 0.10, 0.04
HSL	344°, 65%, 90%
HSV	344°, 13%, 96%
XYZ	74.9851, 72.4553, 79.1404
YIQ	223.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

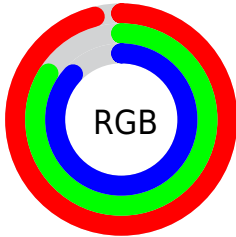
Format	Color
R _Y B	246, 213, 222
Decimal	16176606
CIE Lab	88.19, 12.92, -0.19
CIE LCh	88, 12.926, 359.163
Yxy	72.4553, 0.3309, 0.3198
Android (android.graphics.Color)	4294366686 (0xFFF6D5DE)
YUV	223.8930, -0.9332, 19.3878
Hunter-Lab	85.1207, 8.2843, 4.4600

Details

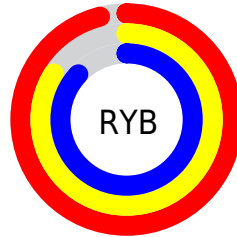
The XYZ color **74.9851, 72.4553, 79.1404** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6852, 86.1739, 92.7691**, and the grayscale version is **70.7749, 74.4608, 81.0878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1882, 38.0626, 41.7879** is the 20% darker color. If you saturate the color by 10%, you get **66.9885, 60.0979, 65.2642**, and if you desaturate by 10%, it is **84.1789, 86.7979, 94.6731**.

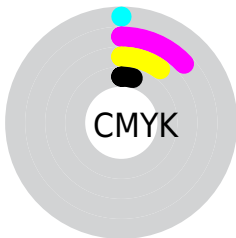
Distribution



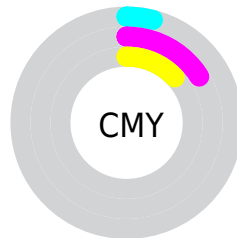
- Red (96%)
- Green (84%)
- Blue (87%)



- Red (96%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9851, 72.4553, 79.1404 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 74.9851, 72.4553, 79.1404 by changing the saturation by 10% instead.


 74.9851, 72.4553,
79.1404

 74.9851, 72.4553,
79.1404

466.8643,
469.1248, 511.6614

 55.8948, 53.5307,
58.4893


125.2793,
122.7036, 133.9570

 40.3553, 38.2266,
41.7848


157.2139,
154.7961, 168.9594

 28.0011, 26.1586,
28.6085

194.1607,
192.0467, 209.5828

 18.4669, 16.9423,
18.5418

236.4850,
234.8398, 256.2455

 11.3875, 10.1934,
11.1662

284.5521,
283.5597, 309.3662

 6.3973, 5.5274,
6.0632

338.7275,

 3.1311, 2.5599,

338.5910, 369.3634

2.8141

399.3764,
400.3178, 436.6556

■ 1.2234, 0.9065,
1.0005

■ 0.1248, 0.0000,
0.0000

■ 74.9851, 72.4553,
79.1404

■ 74.9851, 72.4553,
79.1404

■ 66.9885, 60.0979,
65.2642

■ 84.1789, 86.7979,
94.6731

■ 60.1329, 49.6288,
52.9842

■ 91.8164, 98.3330,
108.7487

■ 54.3667, 40.9570,
42.2431

■ 49.6318, 33.9805,
32.9784

■ 45.8646, 28.5869,
25.1228

■ 42.9940, 24.6499,
18.6037

■ 40.9386, 22.0238,
13.3412

■ 39.6007, 20.5321,
9.2454

■ 39.0215, 19.9991,
7.1245

Harmonies

Analogous

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



74.0996, 72.4553, 87.9469



74.9851, 72.4553, 79.1404



74.1908, 72.4553, 70.8803

Triad

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



74.9851, 72.4553, 79.1404



66.0093, 72.4553, 64.9352



65.8633, 72.4553, 94.4361

Complementary

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



74.9851, 72.4553, 79.1404



75.6852, 86.1739, 92.7691

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.



63.8034, 72.4553, 87.4847



74.9851, 72.4553, 79.1404



63.8860, 72.4553, 70.4801

Square

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



74.9851, 72.4553, 79.1404



68.9534, 72.4553, 63.0591



63.0903, 72.4553, 78.6431



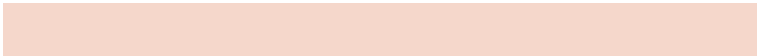
68.7798, 72.4553, 97.1742

Rectangle

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



74.9851, 72.4553, 79.1404



72.8286, 72.4553, 66.6957



63.0903, 72.4553, 78.6431



65.0509, 72.4553, 92.4902

Sweetspot

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



74.9871, 72.4585, 79.1419



90.7102, 93.1952, 101.6739



75.2395, 72.1901, 97.1581



19.2462, 19.6823, 21.4786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

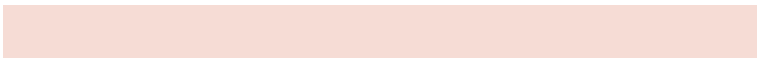
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9871, 72.4585, 79.1419



78.9720, 74.9083, 81.7622



75.6512, 75.6651, 73.5723



16.6847, 16.5567, 18.0863



20.8782, 10.6947, 4.0671



1.8764, 0.9565, 0.5755

Inverse Universe

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



74.9871, 72.4585, 79.1419



78.9720, 74.9083, 81.7622



74.9002, 82.4473, 99.1558



16.6847, 16.5567, 18.0863



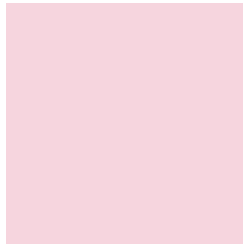
20.8782, 10.6947, 4.0671



1.8764, 0.9565, 0.5755

Previews

White Background



This preview shows how the XYZ color 74.9851, 72.4553, 79.1404 looks on a white background.

Color Contrast Check

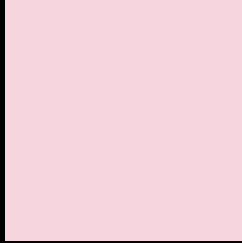
Large Text (above 18pt) WCAG AA × Fail

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 74.9851, 72.4553, 79.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

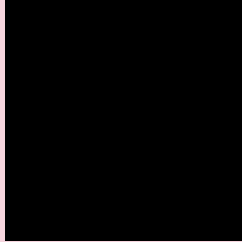
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9851, 72.4553, 79.1404

Background



This preview shows how black text looks on a background with the XYZ color 74.9851, 72.4553, 79.1404.

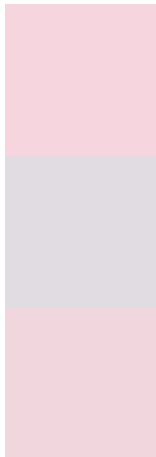


This preview shows how white text looks on a background with the XYZ color 74.9851, 72.4553,

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

74.9851, 72.4553, 79.1404

Protanopia

70.0611, 72.5247, 82.2576

Deuteranopia

73.8493, 72.2443, 79.1595



Tritanopia

76.0441, 72.5183, 84.1182

Trichromacy



Original Color

74.9851, 72.4553, 79.1404

Protanomaly

71.6822, 72.2178, 81.3955

Deuteranomaly

74.1935, 72.4217, 79.1756

Tritanomaly

75.6287, 72.3521, 81.9308

Monochromacy



Original Color

74.9851, 72.4553, 79.1404

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.1912, 73.6699, 80.2269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9851, 72.4553, 79.1404 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.9851, 72.4553, 79.1404 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, 222) }
```


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

```
.border{ border-color:rgb(246, 213, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9851, 72.4553, 79.1404 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, 222) }
```

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

```
.background{ background-color: rgb(246,  
213, 222) }
```

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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