

Converting Colors

XYZ(74.6761, 72.1510, 77.2158)

Have a look what the booklet for
XYZ(74.6761, 72.1510, 77.2158)
contains.

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Color

**XYZ(74.9382, 72.4771,
77.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D5DB
RGB	247, 213, 219
RGB Percent	97%, 84%, 86%
CMY	0.0314, 0.1647, 0.1412
CMYK	0.00, 0.14, 0.11, 0.03
HSL	349°, 68%, 90%
HSV	349°, 14%, 97%
XYZ	74.9382, 72.4771, 77.0576
YIQ	223.8500, 18.3380, 9.0740

Conversions

Conversions Part 2

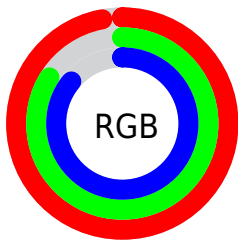
Format	Color
R _Y B	247, 213, 219
Decimal	16242139
CIE Lab	88.20, 12.78, 1.42
CIE LCh	88, 12.862, 6.343
Yxy	72.4771, 0.3338, 0.3229
Android (android.graphics.Color)	4294432219 (0xFFFF7D5DB)
YUV	223.8500, -2.3910, 20.3026
Hunter-Lab	85.1335, 8.1399, 5.9278

Details

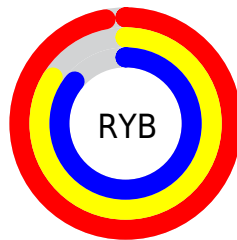
The XYZ color **74.9382, 72.4771, 77.0576** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5814, 87.0204, 95.9837**, and the grayscale version is **70.7535, 74.4382, 81.0632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1629, 38.0812, 40.3556** is the 20% darker color. If you saturate the color by 10%, you get **66.6758, 59.9792, 61.8876**, and if you desaturate by 10%, it is **84.4782, 87.0047, 94.2702**.

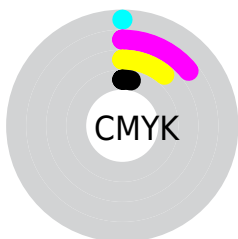
Distribution



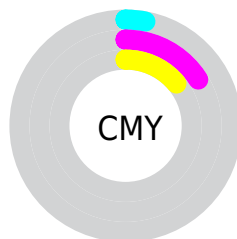
- Red (97%)
- Green (84%)
- Blue (86%)



- Red (97%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9382, 72.4771, 77.0576 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 74.9382, 72.4771, 77.0576 by changing the saturation by 10% instead.

74.9382, 72.4771,
77.0576

74.9382, 72.4771,
77.0576

466.7056,
469.2005, 504.4033

55.8563, 53.5485,
56.7883

125.2133,
122.7346, 130.9945

40.3242, 38.2408,
40.4271

157.1371,
154.8323, 165.4993

27.9768, 26.1696,
27.5554

194.0722,
192.0885, 205.5862

18.4485, 16.9506,
17.7546

236.3841,
234.8875, 251.6739

11.3741, 10.1993,
10.6064

284.4380,
283.6139, 304.1810

6.3882, 5.5313,
5.6920

338.5993,

3.1254, 2.5622,

338.6519, 363.5258

2.5930

399.2334,
400.3860, 430.1271

■ 1.2204, 0.9077,
0.8888

■ 0.1224, 0.0000,
0.0000

■ 74.9382, 72.4771,
77.0576

■ 74.9382, 72.4771,
77.0576

■ 66.6758, 59.9792,
61.8876

■ 84.4782, 87.0047,
94.2702

■ 59.6306, 49.4113,
48.6793

■ 92.1682, 98.5144,
108.7651

■ 53.7461, 40.6798,
37.3534

■ 48.9591, 33.6795,
27.8234

■ 45.2002, 28.2945,
19.9958

■ 42.3921, 24.3945,
13.7685

■ 40.4458, 21.8291,
9.0281

■ 39.2547, 20.4155,
5.6452

■ 38.8046, 19.9529,
4.1461

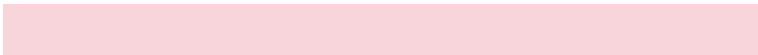
Harmonies

Analogous

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



74.4515, 72.4771, 85.9136



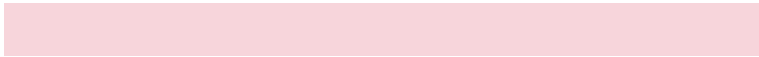
74.9382, 72.4771, 77.0576



73.7651, 72.4771, 69.2911

Triad

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



74.9382, 72.4771, 77.0576



65.4393, 72.4771, 66.0351



66.5397, 72.4771, 95.4802

Complementary

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



74.9382, 72.4771, 77.0576



76.5814, 87.0204, 95.9837

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.



64.2294, 72.4771, 89.3916



74.9382, 72.4771, 77.0576



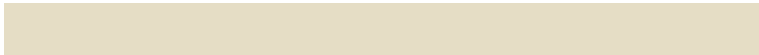
63.6075, 72.4771, 72.3076

Square

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



74.9382, 72.4771, 77.0576



68.2356, 72.4771, 63.2401



63.1712, 72.4771, 80.8025



69.5432, 72.4771, 96.9876

Rectangle

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



74.9382, 72.4771, 77.0576



72.2196, 72.4771, 65.6314



63.1712, 72.4771, 80.8025



65.6591, 72.4771, 93.8805

Sweetspot

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



74.9402, 72.4803, 77.0591



90.5586, 93.1345, 100.8754



76.7811, 72.9670, 98.0338



19.2080, 19.6670, 21.2772



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

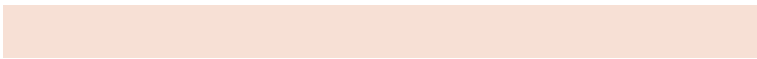
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9402, 72.4803, 77.0591



77.5212, 73.3022, 77.2849



76.9633, 77.7670, 73.9088



16.6184, 16.5302, 17.7372



20.5583, 10.5668, 2.3825



1.8396, 0.9418, 0.3819

Inverse Universe

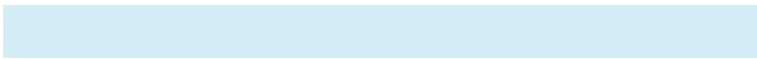
The Inverse Universe completely reimagines the original color for something new.



74.9402, 72.4803, 77.0591



77.5212, 73.3022, 77.2849



74.2943, 80.9893, 99.7133



16.6184, 16.5302, 17.7372



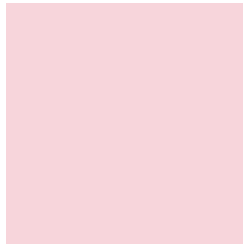
20.5583, 10.5668, 2.3825



1.8396, 0.9418, 0.3819

Previews

White Background



This preview shows how the XYZ color 74.9382, 72.4771, 77.0576 looks on a white background.

Color Contrast Check

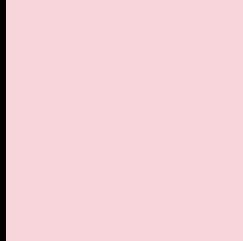
Large Text (above 18pt) WCAG AA × Fail

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 74.9382, 72.4771, 77.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

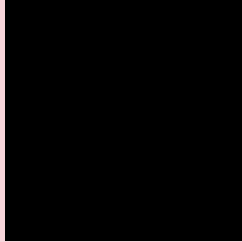
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9382, 72.4771, 77.0576

Background



This preview shows how black text looks on a background with the XYZ color 74.9382, 72.4771, 77.0576.



This preview shows how white text looks on a background with the XYZ color 74.9382, 72.4771,

77.0576.

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

74.9382, 72.4771, 77.0576

Protanopia

69.9638, 72.5217, 80.1226

Deuteranopia

74.1410, 72.4407, 77.0926



Tritanopia

76.2585, 72.6449, 83.4014

Trichromacy



Original Color

74.9382, 72.4771, 77.0576

Protanomaly

71.6019, 72.2233, 79.2739

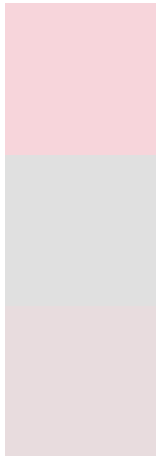
Deuteranomaly

74.4889, 72.6201, 77.1089

Tritanomaly

75.8455, 72.4797, 81.2266

Monochromacy



Original Color

74.9382, 72.4771, 77.0576

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.0567, 73.6161, 79.5188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9382, 72.4771, 77.0576 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, 213, 219) looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 219)  
}
```

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, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.9382, 72.4771, 77.0576 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, 213, 219) }
```


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

```
.border{ border-color:rgb(247, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9382, 72.4771, 77.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 219) }
```

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

```
.background{ background-color: rgb(247,  
213, 219) }
```

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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