

Converting Colors

XYZ(81.8273, 73.4446, 70.7557)

Have a look what the booklet for
XYZ(81.8273, 73.4446, 70.7557)
contains.

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Color

**XYZ(74.9442, 70.0558,
70.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCED2
RGB	255, 206, 210
RGB Percent	100%, 81%, 82%
CMY	0.0000, 0.1921, 0.1765
CMYK	0.00, 0.19, 0.18, 0.00
HSL	355°, 100%, 90%
HSV	355°, 19%, 100%
XYZ	74.9442, 70.0558, 70.5449
YIQ	221.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

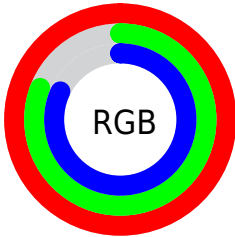
Format	Color
R _Y B	255, 206, 210
Decimal	16764626
CIE Lab	87.02, 17.85, 4.57
CIE LCh	87, 18.428, 14.350
Yxy	70.0558, 0.3477, 0.3250
Android (android.graphics.Color)	4294954706 (0xFFFFCED2)
YUV	221.1070, -5.4758, 29.7242
Hunter-Lab	83.6993, 13.3546, 8.6177

Details

The XYZ color **74.9442, 70.0558, 70.5449** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.6287, 91.6080, 104.8087**, and the grayscale version is **68.8274, 72.4118, 78.8564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5177, 36.8625, 36.4322** is the 20% darker color. If you saturate the color by 10%, you get **66.5885, 57.6772, 54.4020**, and if you desaturate by 10%, it is **84.7262, 84.6030, 89.2717**.

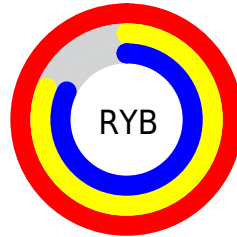
Distribution



Red (100%)

Green (81%)

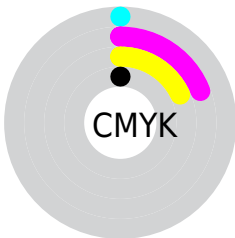
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

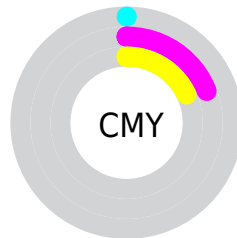


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9442, 70.0558, 70.5449 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 74.9442, 70.0558, 70.5449 by changing the saturation by 10% instead.


 74.9442, 70.0558,
70.5449

 74.9442, 70.0558,
70.5449


466.7259,
460.7459, 481.3017

 55.8612, 51.5720,
51.4913


125.2217,
119.2883, 121.6739

 40.3282, 36.6641,
36.2203


157.1469,
150.8059, 154.5864

 27.9799, 24.9475,
24.3134


194.0836,
187.4368, 192.9556

 18.4509, 16.0379,
15.3519

236.3970,
229.5655, 237.2001

 11.3758, 9.5510,
8.9174

284.4526,
277.5764, 287.7384

 6.3894, 5.1023,
4.5912

338.6157,

 3.1261, 2.3074,

331.8538, 344.9891

1.9550

399.2517,
392.7822, 409.3707

■ 1.2208, 0.7776,
0.5274

■ 0.1227, 0.0000,
0.0000

■ 74.9442, 70.0558,
70.5449

■ 74.9442, 70.0558,
70.5449

■ 66.5885, 57.6772,
54.4020

■ 84.7262, 84.6030,
89.2717

■ 59.5876, 47.3549,
40.7255

95.0500, 100.0000,
108.9000

■ 53.8716, 38.9800,
29.3950

■ 49.3619, 32.4303,
20.2785

■ 45.9718, 27.5695,
13.2308

■ 43.6025, 24.2424,
8.0895

■ 42.1379, 22.2650,
4.6674

■ 41.4128, 21.3640,
2.7326

■ 41.3735, 21.3134,
2.6328

Harmonies

Analogous

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



74.8915, 70.0558, 82.8643



74.9442, 70.0558, 70.5449



72.6914, 70.0558, 60.8575

Triad

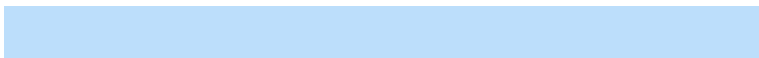
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9442, 70.0558, 70.5449



60.9576, 70.0558, 60.5303



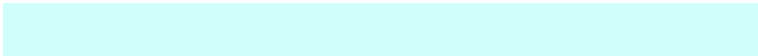
64.3746, 70.0558, 101.4996

Complementary

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



74.9442, 70.0558, 70.5449



78.6287, 91.6080, 104.8087

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.



60.8323, 70.0558, 94.1073



74.9442, 70.0558, 70.5449



58.9183, 70.0558, 70.0519

Square

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



74.9442, 70.0558, 70.5449



64.5525, 70.0558, 55.5128



58.8734, 70.0558, 82.3154



68.6616, 70.0558, 101.6684

Rectangle

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



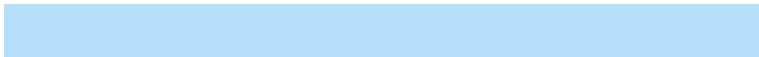
74.9442, 70.0558, 70.5449



70.2392, 70.0558, 56.8166



58.8734, 70.0558, 82.3154



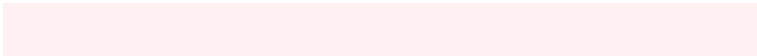
63.0616, 70.0558, 99.7442

Sweetspot

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



74.9458, 70.0588, 70.5463



88.1812, 89.7514, 95.8542



79.8766, 71.8595, 104.2681



18.7214, 18.9824, 20.2255



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

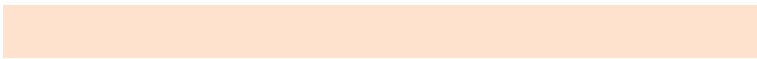
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9458, 70.0588, 70.5463



71.6172, 65.1212, 64.1352



79.6921, 80.3381, 69.7031



18.0695, 18.0111, 18.9831



21.6393, 11.1450, 1.4852



2.1266, 1.0930, 0.2482

Inverse Universe

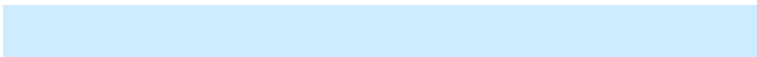
The Inverse Universe completely reimagines the original color for something new.



74.9458, 70.0588, 70.5463



71.6172, 65.1212, 64.1352



73.0952, 79.5225, 106.1046



18.0695, 18.0111, 18.9831



21.6393, 11.1450, 1.4852



2.1266, 1.0930, 0.2482

Previews

White Background



This preview shows how the XYZ color 74.9442, 70.0558, 70.5449 looks on a white background.

Color Contrast Check

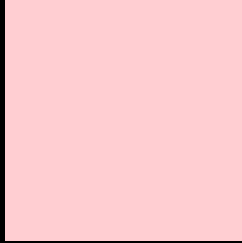
Large Text (above 18pt) WCAG AA × Fail

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 74.9442, 70.0558, 70.5449 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 74.9442, 70.0558, 70.5449

Background



This preview shows how black text looks on a background with the XYZ color 74.9442, 70.0558, 70.5449.



This preview shows how white text looks on a background with the XYZ color 74.9442, 70.0558,

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

74.9442, 70.0558, 70.5449

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

71.7650, 70.2467, 70.0981



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

74.9442, 70.0558, 70.5449

Protanomaly

69.8635, 69.9360, 73.4351

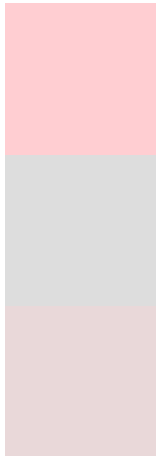
Deuteranomaly

72.6669, 69.9785, 69.9989

Tritanomaly

75.4660, 69.8805, 74.4765

Monochromacy



Original Color

74.9442, 70.0558, 70.5449

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6845, 71.4451, 75.7105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9442, 70.0558, 70.5449 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(255, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 210)  
}
```

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(255, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 210) }
```

Border

The CSS property to change the border of an element to XYZ 74.9442, 70.0558, 70.5449 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(255, 206, 210) }
```


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

```
.border{ border-color:rgb(255, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9442, 70.0558, 70.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 210) }
```

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

```
.background{ background-color: rgb(255,  
206, 210) }
```

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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