

Converting Colors

XYZ(88.4750, 75.5297, 73.6107)

Have a look what the booklet for
XYZ(88.4750, 75.5297, 73.6107)
contains.

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Color

**XYZ(74.4981, 68.3561,
72.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD6
RGB	255, 202, 214
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2078, 0.1608
CMYK	0.00, 0.21, 0.16, 0.00
HSL	346°, 100%, 90%
HSV	346°, 21%, 100%
XYZ	74.4981, 68.3561, 72.8859
YIQ	219.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

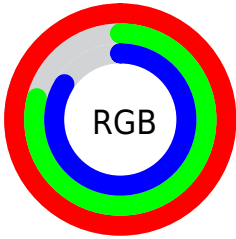
Format	Color
R _Y B	255, 202, 214
Decimal	16763606
CIE Lab	86.18, 20.56, 1.23
CIE LCh	86, 20.592, 3.412
Yxy	68.3561, 0.3453, 0.3168
Android (android.graphics.Color)	4294953686 (0xFFFFCAD6)
YUV	219.2150, -2.5710, 31.3834
Hunter-Lab	82.6777, 16.1542, 5.6064

Details

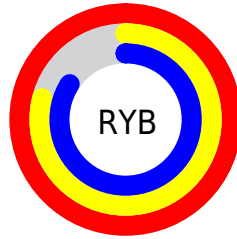
The XYZ color **74.4981, 68.3561, 72.8859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2972, 90.5488, 98.2542**, and the grayscale version is **67.4864, 71.0010, 77.3200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1366, 35.6888, 37.5741** is the 20% darker color. If you saturate the color by 10%, you get **66.6331, 56.4169, 58.5776**, and if you desaturate by 10%, it is **83.6602, 82.4004, 89.1338**.

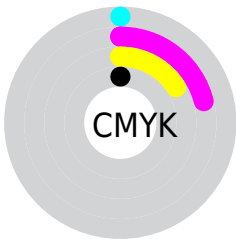
Distribution



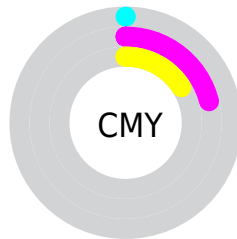
- Red (100%)
- Green (79%)
- Blue (84%)



- Red (100%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4981, 68.3561, 72.8859 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 74.4981, 68.3561, 72.8859 by changing the saturation by 10% instead.


 74.4981, 68.3561,
72.8859

 74.4981, 68.3561,
72.8859


465.2145,
454.7567, 489.6794

 55.4945, 50.1875,
53.3914


124.5934,
116.8614, 125.0346

 40.0332, 35.5624,
37.7255

156.4158,
147.9669, 158.5260

 27.7488, 24.0964,
25.4695


193.2418,
184.1535, 197.5200

 18.2758, 15.4052,
16.2050

235.4369,
225.8056, 242.4352

 11.2491, 9.1042,
9.5134

283.3664,
273.3076, 293.6903

 6.3032, 4.8092,
4.9762

337.3955,

 3.0727, 2.1358,

327.0438, 351.7036

2.1748

397.8898,
387.3987, 416.8938

■ 1.1923, 0.6846,
0.6598

■ 0.1003, 0.0000,
0.0000

■ 74.4981, 68.3561,
72.8859

■ 74.4981, 68.3561,
72.8859

■ 66.6331, 56.4169,
58.5776

■ 83.6602, 82.4004,
89.1338

■ 60.0009, 46.4725,
46.1314

■ 94.1698, 98.6355,
107.3863

■ 54.5389, 38.4161,
35.4705

■ 95.0500, 100.0000,
108.9000

■ 50.1772, 32.1273,
26.5112

■ 46.8381, 27.4716,
19.1627

■ 44.4330, 24.2949,
13.3255

■ 42.8578, 22.4136,
8.8876

■ 41.9966, 21.5626,
5.9142

Harmonies

Analogous

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



73.4648, 68.3561, 86.7308



74.4981, 68.3561, 72.8859



72.8778, 68.3561, 60.9624

Triad

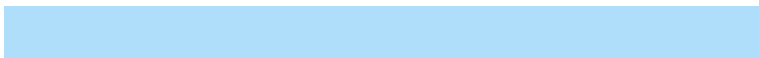
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4981, 68.3561, 72.8859



60.0806, 68.3561, 54.6995



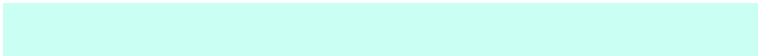
60.9765, 68.3561, 100.2905

Complementary

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



74.4981, 68.3561, 72.8859



76.2972, 90.5488, 98.2542

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.



57.6567, 68.3561, 89.7438



74.4981, 68.3561, 72.8859



57.1574, 68.3561, 63.3477

Square

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



74.4981, 68.3561, 72.8859



64.4296, 68.3561, 51.2978



56.2918, 68.3561, 75.9920



65.5142, 68.3561, 103.6378

Rectangle

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



74.4981, 68.3561, 72.8859



70.5549, 68.3561, 55.3782



56.2918, 68.3561, 75.9920



59.6887, 68.3561, 97.4114

Sweetspot

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



74.4998, 68.3591, 72.8873



88.5142, 89.8846, 97.6075



76.0082, 68.4537, 103.8146



18.7998, 19.0138, 20.6384



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.



74.4998, 68.3591, 72.8873



71.0271, 63.0714, 66.6193



76.4926, 74.7070, 66.2692



18.1777, 18.0544, 19.5531



21.9902, 11.2854, 3.3327



2.1803, 1.1145, 0.5311

Inverse Universe

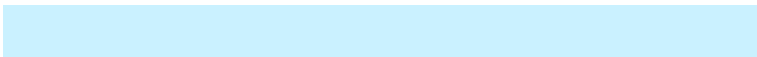
The Inverse Universe completely reimagines the original color for something new.



74.4998, 68.3591, 72.8873



71.0271, 63.0714, 66.6193



73.8251, 82.6101, 106.6621



18.1777, 18.0544, 19.5531



21.9902, 11.2854, 3.3327



2.1803, 1.1145, 0.5311

Previews

White Background



This preview shows how the XYZ color 74.4981, 68.3561, 72.8859 looks on a white background.

Color Contrast Check

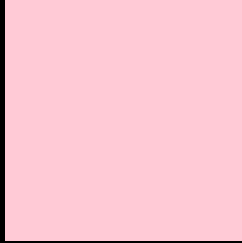
Large Text (above 18pt) WCAG AA × Fail

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 74.4981, 68.3561, 72.8859 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 74.4981, 68.3561, 72.8859

Background



This preview shows how black text looks on a background with the XYZ color 74.4981, 68.3561, 72.8859.



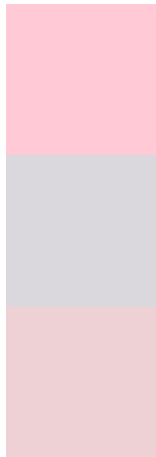
This preview shows how white text looks on a background with the XYZ color 74.4981, 68.3561,

72.8859.

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

74.4981, 68.3561, 72.8859

Protanopia

66.2650, 68.7268, 78.1797

Deuteranopia

70.0706, 68.5822, 72.4954



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

74.4981, 68.3561, 72.8859

Protanomaly

68.6565, 68.1441, 75.8642

Deuteranomaly

71.3898, 68.1798, 72.3482

Tritanomaly

74.7552, 68.4589, 74.2396

Monochromacy



Original Color

74.4981, 68.3561, 72.8859

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.5973, 69.7541, 75.4413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4981, 68.3561, 72.8859 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, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 214)  
}
```

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, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.4981, 68.3561, 72.8859 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, 202, 214) }
```


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

```
.border{ border-color:rgb(255, 202, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4981, 68.3561, 72.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 214) }
```

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

```
.background{ background-color: rgb(255,  
202, 214) }
```

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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