

Converting Colors

XYZ(74.7422, 68.3152, 72.1710)

Have a look what the booklet for
XYZ(74.7422, 68.3152, 72.1710)
contains.

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Color

**XYZ(74.1369, 67.8374,
72.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D5
RGB	255, 201, 213
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2117, 0.1647
CMYK	0.00, 0.21, 0.16, 0.00
HSL	347°, 100%, 89%
HSV	347°, 21%, 100%
XYZ	74.1369, 67.8374, 72.1373
YIQ	218.5140, 28.3320, 15.1800

Conversions

Conversions Part 2

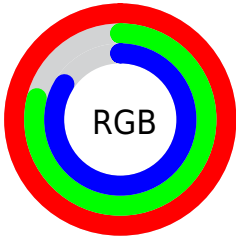
Format	Color
R _Y B	255, 201, 213
Decimal	16763349
CIE Lab	85.93, 20.93, 1.38
CIE LCh	86, 20.972, 3.772
Yxy	67.8374, 0.3463, 0.3168
Android (android.graphics.Color)	4294953429 (0xFFFFC9D5)
YUV	218.5140, -2.7184, 31.9982
Hunter-Lab	82.3635, 16.5351, 5.7258

Details

The XYZ color **74.1369, 67.8374, 72.1373** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0274, 90.4097, 98.2415**, and the grayscale version is **67.0014, 70.4906, 76.7643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8940, 35.3418, 37.0668** is the 20% darker color. If you saturate the color by 10%, you get **66.3129, 55.9750, 57.8587**, and if you desaturate by 10%, it is **83.2588, 81.8022, 88.3695**.

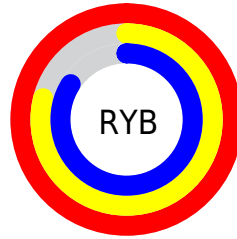
Distribution



Red (100%)

Green (79%)

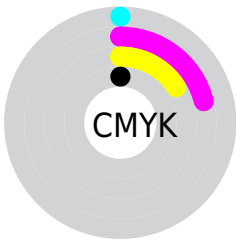
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

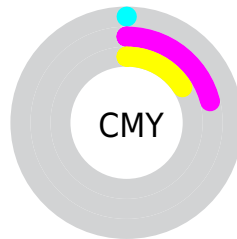


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1369, 67.8374, 72.1373 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 74.1369, 67.8374, 72.1373 by changing the saturation by 10% instead.


 74.1369, 67.8374,
72.1373

 74.1369, 67.8374,
72.1373

463.9887,
452.9197, 487.0097

 55.1978, 49.7655,
52.7833

124.0843,
116.1195, 123.9613

 39.7946, 35.2271,
37.2433

155.8233,
147.0985, 157.2683

 27.5619, 23.8378,
25.0986

192.5596,
183.1485, 196.0635

 18.1344, 15.2134,
15.9309

234.6587,
224.6541, 240.7653

 11.1468, 8.9693,
9.3214

282.4857,
271.9997, 291.7922

 6.2337, 4.7211,
4.8518

336.4062,

 3.0297, 2.0846,

325.5695, 349.5630

2.1033

396.7854,
385.7481, 414.4959

■ 1.1695, 0.6559,
0.6178

■ 0.0821, 0.0000,
0.0000

■ 74.1369, 67.8374,
72.1373

■ 74.1369, 67.8374,
72.1373

■ 66.3129, 55.9750,
57.8587

■ 83.2588, 81.8022,
88.3695

■ 59.7223, 46.1046,
45.4550

■ 93.7296, 97.9556,
106.6214

■ 54.3021, 38.1189,
34.8481

95.0500, 100.0000,
108.9000

■ 49.9819, 31.8967,
25.9531

■ 46.6833, 27.3028,
18.6774

■ 44.3172, 24.1824,
12.9197

■ 42.7780, 22.3499,
8.5656

■ 41.9698, 21.5519,
5.7733

Harmonies

Analogous

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



73.1201, 67.8374, 86.1776



74.1369, 67.8374, 72.1373



72.4615, 67.8374, 60.1168

Triad

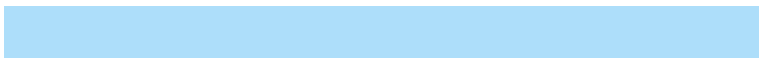
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1369, 67.8374, 72.1373



59.4795, 67.8374, 53.9898



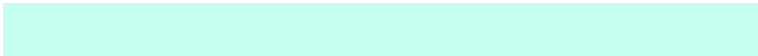
60.4821, 67.8374, 100.2154

Complementary

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



74.1369, 67.8374, 72.1373



76.0274, 90.4097, 98.2415

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.



57.1024, 67.8374, 89.5604



74.1369, 67.8374, 72.1373



56.5441, 67.8374, 62.7820

Square

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



74.1369, 67.8374, 72.1373



63.8719, 67.8374, 50.4937



55.6957, 67.8374, 75.6168



65.0868, 67.8374, 103.5175

Rectangle

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



74.1369, 67.8374, 72.1373



70.0899, 67.8374, 54.5190



55.6957, 67.8374, 75.6168



59.1728, 67.8374, 97.3149

Sweetspot

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



74.1385, 67.8403, 72.1387



88.5045, 89.8807, 97.5565



75.6940, 67.9445, 103.7328



18.7975, 19.0129, 20.6264



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

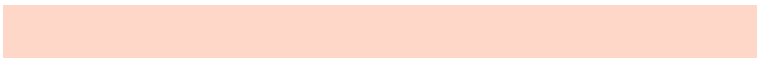
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1385, 67.8403, 72.1387



70.9947, 63.0585, 66.4488



76.1869, 74.2845, 65.5850



18.1746, 18.0531, 19.5365



21.9755, 11.2795, 3.2555



2.1785, 1.1138, 0.5214

Inverse Universe

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



74.1385, 67.8403, 72.1387



70.9947, 63.0585, 66.4488



73.4766, 82.3134, 106.6232



18.1746, 18.0531, 19.5365



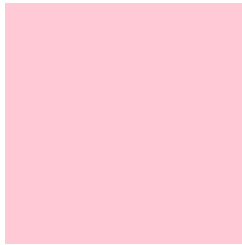
21.9755, 11.2795, 3.2555



2.1785, 1.1138, 0.5214

Previews

White Background



This preview shows how the XYZ color 74.1369, 67.8374, 72.1373 looks on a white background.

Color Contrast Check

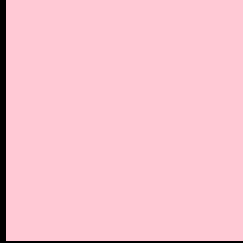
Large Text (above 18pt) WCAG AA × Fail

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 74.1369, 67.8374, 72.1373 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 74.1369, 67.8374, 72.1373

Background



This preview shows how black text looks on a background with the XYZ color 74.1369, 67.8374, 72.1373.

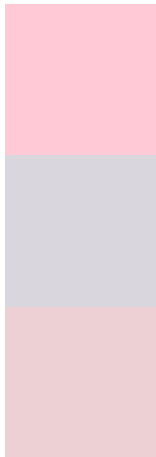


This preview shows how white text looks on a background with the XYZ color 74.1369, 67.8374,

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

74.1369, 67.8374, 72.1373

Protanopia

65.7130, 68.0653, 78.0811

Deuteranopia

69.3646, 67.8697, 71.7316



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

74.1369, 67.8374, 72.1373

Protanomaly

68.4104, 67.6518, 75.7822

Deuteranomaly

71.0232, 67.6492, 71.6016

Tritanomaly

74.3924, 67.9396, 73.4827

Monochromacy



Original Color

74.1369, 67.8374, 72.1373

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3466, 69.2525, 75.3578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1369, 67.8374, 72.1373 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, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 213)  
}
```

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, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.1369, 67.8374, 72.1373 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, 201, 213) }
```


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

```
.border{ border-color:rgb(255, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1369, 67.8374, 72.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 213) }
```

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

```
.background{ background-color: rgb(255,  
201, 213) }
```

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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