

Converting Colors

XYZ(79.2820, 70.5914, 73.3853)

Have a look what the booklet for
XYZ(79.2820, 70.5914, 73.3853)
contains.

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Color

**XYZ(74.2642, 67.8883,
72.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D6
RGB	255, 201, 214
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2117, 0.1608
CMYK	0.00, 0.21, 0.16, 0.00
HSL	346°, 100%, 89%
HSV	346°, 21%, 100%
XYZ	74.2642, 67.8883, 72.8079
YIQ	218.6280, 28.0110, 15.4910

Conversions

Conversions Part 2

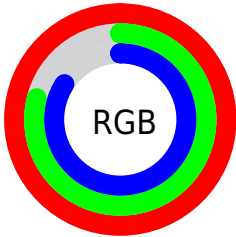
Format	Color
R _Y B	255, 201, 214
Decimal	16763350
CIE Lab	85.95, 21.08, 0.89
CIE LCh	86, 21.098, 2.404
Yxy	67.8883, 0.3455, 0.3158
Android (android.graphics.Color)	4294953430 (0xFFFFC9D6)
YUV	218.6280, -2.2816, 31.8982
Hunter-Lab	82.3944, 16.6966, 5.2843

Details

The XYZ color **74.2642, 67.8883, 72.8079** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8768, 90.3494, 97.4482**, and the grayscale version is **67.0774, 70.5707, 76.8514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9804, 35.3764, 37.5220** is the 20% darker color. If you saturate the color by 10%, you get **66.4782, 56.0411, 58.7290**, and if you desaturate by 10%, it is **83.3342, 81.8324, 88.7667**.

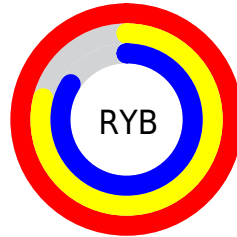
Distribution



Red (100%)

Green (79%)

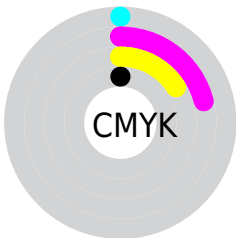
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

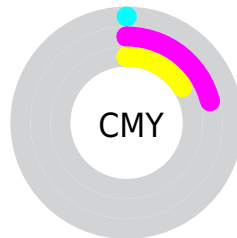


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2642, 67.8883, 72.8079 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 74.2642, 67.8883, 72.8079 by changing the saturation by 10% instead.


 74.2642, 67.8883,
72.8079

 74.2642, 67.8883,
72.8079

464.4209,
453.1002, 489.4017

 55.3024, 49.8069,
53.3280


124.2637,
116.1923, 124.9228

 39.8786, 35.2600,
37.6752


156.0322,
147.1837, 158.3950

 27.6277, 23.8632,
25.4308


192.8001,
183.2472, 197.3684

 18.1842, 15.2322,
16.1764

234.9330,
224.7672, 242.2614

 11.1828, 8.9825,
9.4933

282.7962,
272.1281, 293.4927

 6.2581, 4.7298,
4.9632

336.7550,

 3.0448, 2.0896,

325.7143, 351.4809

2.1673

397.1748,
385.9102, 416.6443

■ 1.1775, 0.6588,
0.6554

■ 0.0885, 0.0000,
0.0000

■ 74.2642, 67.8883,
72.8079

■ 74.2642, 67.8883,
72.8079

■ 66.4782, 56.0411,
58.7290

■ 83.3342, 81.8324,
88.7667

■ 59.9123, 46.1806,
46.4557

■ 93.7384, 97.9591,
106.6678

■ 54.5047, 38.1998,
35.9146

95.0500, 100.0000,
108.9000

■ 50.1856, 31.9781,
27.0256

■ 46.8779, 27.3806,
19.7019

■ 44.4936, 24.2529,
13.8483

■ 42.9285, 22.4101,
9.3580

■ 42.0924, 21.6010,
6.4187

Harmonies

Analogous

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



73.1179, 67.8883, 86.9471



74.2642, 67.8883, 72.8079



72.6950, 67.8883, 60.5527

Triad

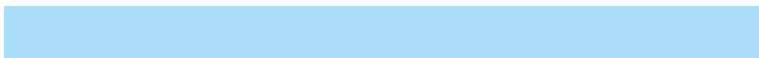
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2642, 67.8883, 72.8079



59.6723, 67.8883, 53.6465



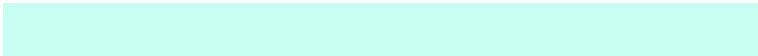
60.3155, 67.8883, 100.1064

Complementary

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



74.2642, 67.8883, 72.8079



75.8768, 90.3494, 97.4482

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.



56.9927, 67.8883, 89.1199



74.2642, 67.8883, 72.8079



56.6346, 67.8883, 62.2616

Square

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



74.2642, 67.8883, 72.8079



64.1367, 67.8883, 50.3866



55.6783, 67.8883, 75.0410



64.9164, 67.8883, 103.8295

Rectangle

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



74.2642, 67.8883, 72.8079



70.3637, 67.8883, 54.7711



55.6783, 67.8883, 75.0410



59.0201, 67.8883, 97.0780

Sweetspot

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



74.2658, 67.8912, 72.8093



88.5473, 89.8979, 97.7822



75.3851, 67.7853, 103.7184



18.8076, 19.0169, 20.6796



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

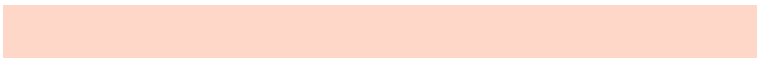
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2658, 67.8912, 72.8093



71.1382, 63.1159, 67.2043



75.9578, 73.8263, 65.5086



18.1886, 18.0587, 19.6101



22.0425, 11.3063, 3.6084



2.1868, 1.1171, 0.5652

Inverse Universe

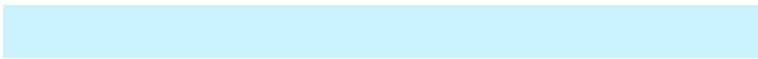
The Inverse Universe completely reimagines the original color for something new.



74.2658, 67.8912, 72.8093



71.1382, 63.1159, 67.2043



73.7430, 82.8463, 106.7120



18.1886, 18.0587, 19.6101



22.0425, 11.3063, 3.6084



2.1868, 1.1171, 0.5652

Previews

White Background



This preview shows how the XYZ color 74.2642, 67.8883, 72.8079 looks on a white background.

Color Contrast Check

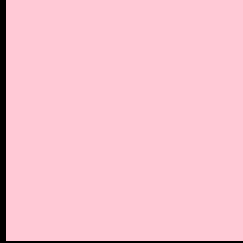
Large Text (above 18pt) WCAG AA × Fail

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 74.2642, 67.8883, 72.8079 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 74.2642, 67.8883, 72.8079

Background



This preview shows how black text looks on a background with the XYZ color 74.2642, 67.8883, 72.8079.



This preview shows how white text looks on a background with the XYZ color 74.2642, 67.8883,

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

74.2642, 67.8883, 72.8079

Protanopia

65.8467, 68.1188, 78.7850

Deuteranopia

69.4912, 67.9204, 72.3982



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

74.2642, 67.8883, 72.8079

Protanomaly

68.5416, 67.7043, 76.4735

Deuteranomaly

71.1498, 67.6998, 72.2682

Tritanomaly

74.3924, 67.9396, 73.4827

Monochromacy



Original Color

74.2642, 67.8883, 72.8079

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 74.2642, 67.8883, 72.8079 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.2642, 67.8883, 72.8079 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, 214) }
```


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

```
.border{ border-color:rgb(255, 201, 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, 201, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2642, 67.8883, 72.8079 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, 214) }
```

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

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