

Converting Colors

XYZ(138.1373, 100.0000,
76.9908)

Have a look what the booklet for
XYZ(138.1373, 100.0000, 76.9908)
contains.

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Color

**XYZ(74.0581, 67.0647,
74.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7D8
RGB	255, 199, 216
RGB Percent	100%, 78%, 85%
CMY	0.0000, 0.2196, 0.1529
CMYK	0.00, 0.22, 0.15, 0.00
HSL	342°, 100%, 89%
HSV	342°, 22%, 100%
XYZ	74.0581, 67.0647, 74.0072
YIQ	217.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

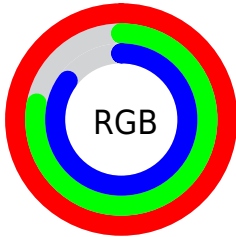
Format	Color
R _Y B	255, 199, 216
Decimal	16762840
CIE Lab	85.54, 22.44, -0.78
CIE LCh	86, 22.451, 357.999
Yxy	67.0647, 0.3442, 0.3117
Android (android.graphics.Color)	4294952920 (0xFFFFC7D8)
YUV	217.6820, -0.8292, 32.7279
Hunter-Lab	81.8930, 18.1096, 3.7444

Details

The XYZ color **74.0581, 67.0647, 74.0072** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7481, 89.8363, 94.2931**, and the grayscale version is **66.4150, 69.8738, 76.0926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8471, 34.8298, 38.3409** is the 20% darker color. If you saturate the color by 10%, you get **66.5017, 55.4299, 60.7660**, and if you desaturate by 10%, it is **82.8489, 80.7705, 88.8861**.

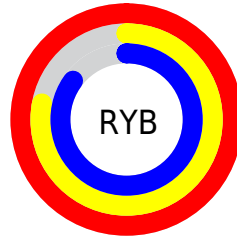
Distribution



Red (100%)

Green (78%)

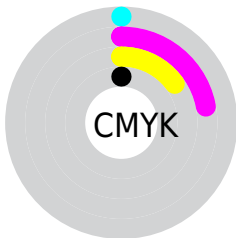
Blue (85%)



Red (100%)

Yellow (78%)

Blue (85%)

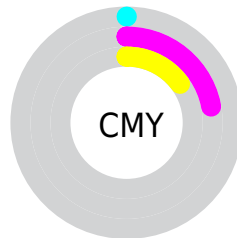


Cyan (0%)

Magenta (22%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0581, 67.0647, 74.0072 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 74.0581, 67.0647, 74.0072 by changing the saturation by 10% instead.

 74.0581, 67.0647,
74.0072

 74.0581, 67.0647,
74.0072


463.7211,
450.1750, 493.6623

 55.1330, 49.1372,
54.3031


123.9732,
115.0131, 126.6402

 39.7425, 34.7283,
38.4492

155.6940,
145.8028, 160.4061

 27.5212, 23.4537,
26.0270

192.4107,
181.6487, 199.6964

 18.1036, 14.9289,
16.6179

234.4888,
222.9352, 244.9296

 11.1245, 8.7695,
9.8034

282.2935,
270.0467, 296.5243

 6.2186, 4.5911,
5.1649

336.1902,

 3.0204, 2.0094,

323.3676, 354.8989

2.2839

396.5443,
383.2822, 420.4721

■ 1.1645, 0.6129,
0.7222

■ 0.0781, 0.0000,
0.0000

■ 74.0581, 67.0647,
74.0072

■ 74.0581, 67.0647,
74.0072

■ 66.5017, 55.4299,
60.7660

■ 82.8489, 80.7705,
88.8861

■ 60.1181, 45.7566,
49.1006

■ 92.9225, 96.6330,
105.4531

■ 54.8477, 37.9380,
38.9511

95.0500, 100.0000,
108.9000

■ 50.6230, 31.8536,
30.2522

■ 47.3694, 27.3686,
22.9331

■ 45.0013, 24.3281,
16.9164

■ 43.4170, 22.5455,
12.1153

■ 42.5936, 21.8015,
9.0581

Harmonies

Analogous

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



72.4294, 67.0647, 88.9450



74.0581, 67.0647, 74.0072



72.8029, 67.0647, 60.6108

Triad

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



74.0581, 67.0647, 74.0072



59.2476, 67.0647, 50.9187



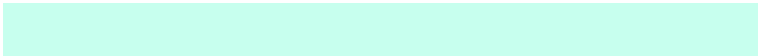
58.6845, 67.0647, 99.5328

Complementary

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



74.0581, 67.0647, 74.0072



74.7481, 89.8363, 94.2931

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.



55.4677, 67.0647, 87.0216



74.0581, 67.0647, 74.0072



55.7805, 67.0647, 59.1228

Square

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



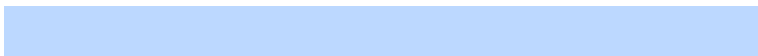
74.0581, 67.0647, 74.0072



64.0860, 67.0647, 48.3894



54.4331, 67.0647, 72.0457



63.4012, 67.0647, 104.8521

Rectangle

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



74.0581, 67.0647, 74.0072



70.5350, 67.0647, 54.0704



54.4331, 67.0647, 72.0457



57.4016, 67.0647, 95.9534

Sweetspot

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



74.0596, 67.0676, 74.0086



87.6801, 88.3603, 96.8862



73.4896, 66.1204, 103.4969



18.6376, 18.7088, 20.5244



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.



74.0596, 67.0676, 74.0086



70.8599, 62.1210, 68.4628



74.4167, 71.1181, 63.8415



18.2363, 18.0778, 19.8615



22.3137, 11.4148, 5.0366



2.2187, 1.1298, 0.7330

Inverse Universe

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



74.0596, 67.0676, 74.0086



70.8599, 62.1210, 68.4628



74.1769, 84.5072, 107.0097



18.2363, 18.0778, 19.8615



22.3137, 11.4148, 5.0366



2.2187, 1.1298, 0.7330

Previews

White Background



This preview shows how the XYZ color 74.0581, 67.0647, 74.0072 looks on a white background.

Color Contrast Check

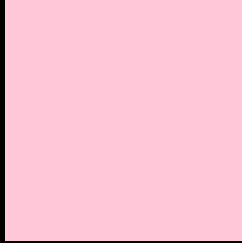
Large Text (above 18pt) WCAG AA × Fail

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 74.0581, 67.0647, 74.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

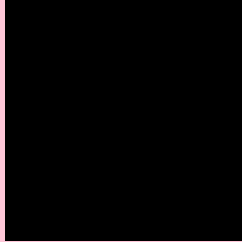
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0581, 67.0647, 74.0072

Background



This preview shows how black text looks on a background with the XYZ color 74.0581, 67.0647, 74.0072.

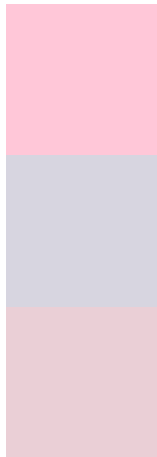


This preview shows how white text looks on a background with the XYZ color 74.0581, 67.0647,

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

74.0581, 67.0647, 74.0072

Protanopia

65.2731, 67.4174, 80.0936

Deuteranopia

68.3821, 66.9731, 72.9413



Tritanopia

73.9292, 67.0131, 73.3283

Trichromacy



Original Color

74.0581, 67.0647, 74.0072

Protanomaly

68.2401, 67.1552, 77.7722

Deuteranomaly

70.4766, 66.9693, 73.5018

Tritanomaly

73.9292, 67.0131, 73.3283

Monochromacy



Original Color

74.0581, 67.0647, 74.0072

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.7736, 68.5872, 75.2595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0581, 67.0647, 74.0072 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, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 216)  
}
```

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, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 216) }
```

Border

The CSS property to change the border of an element to XYZ 74.0581, 67.0647, 74.0072 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, 199, 216) }
```


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

```
.border{ border-color:rgb(255, 199, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0581, 67.0647, 74.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 216) }
```

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

```
.background{ background-color: rgb(255,  
199, 216) }
```

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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