

Converting Colors

XYZ(89.9083, 75.0647, 78.7143)

Have a look what the booklet for
XYZ(89.9083, 75.0647, 78.7143)
contains.

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Color

**XYZ(74.8482, 67.3808,
78.1681)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC7DE |
| RGB | 255, 199, 222 |
| RGB Percent | 100%, 78%, 87% |
| CMY | 0.0000, 0.2196, 0.1294 |
| CMYK | 0.00, 0.22, 0.13, 0.00 |
| HSL | 335°, 100%, 89% |
| HSV | 335°, 22%, 100% |
| XYZ | 74.8482, 67.3808, 78.1681 |
| YIQ | 218.3660, 25.9930, 19.0250 |

Conversions

Conversions Part 2

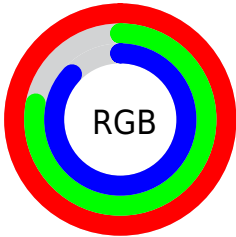
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 199, 222 |
| Decimal | 16762846 |
| CIE Lab | 85.70, 23.38, -3.74 |
| CIE LCh | 86, 23.680, 350.901 |
| Yxy | 67.3808, 0.3396, 0.3057 |
| Android (android.graphics.Color) | 4294952926 (0xFFFFC7DE) |
| YUV | 218.3660, 1.7916, 32.1280 |
| Hunter-Lab | 82.0858, 19.1113, 0.9998 |

Details

The XYZ color **74.8482, 67.3808, 78.1681** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8810, 89.4894, 89.7268**, and the grayscale version is **66.8700, 70.3525, 76.6139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3892, 35.0466, 41.1951** is the 20% darker color. If you saturate the color by 10%, you get **67.5401, 55.8453, 66.2339**, and if you desaturate by 10%, it is **83.3222, 80.9599, 91.3784**.

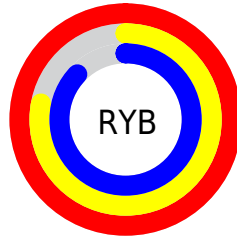
Distribution



Red (100%)

Green (78%)

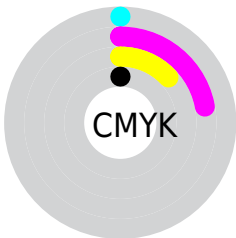
Blue (87%)



Red (100%)

Yellow (78%)

Blue (87%)

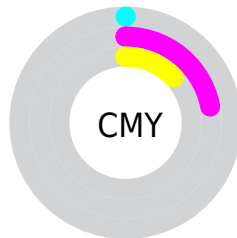


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8482, 67.3808, 78.1681 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 74.8482, 67.3808, 78.1681 by changing the saturation by 10% instead.

 74.8482, 67.3808,
78.1681

 74.8482, 67.3808,
78.1681


466.4009,
451.2990, 508.2806

 55.7823, 49.3942,
57.6948


125.0865,
115.4659, 132.5751

 40.2647, 34.9323,
41.1503

156.9896,
146.3331, 167.3459

 27.9301, 23.6107,
28.1159


193.9025,
182.2627, 207.7196

 18.4132, 15.0451,
18.1733

236.1905,
223.6389, 254.1147

 11.3485, 8.8510,
10.9037

284.2190,
270.8463, 306.9498

 6.3708, 4.6441,
5.8888

338.3533,

 3.1146, 2.0400,

324.2692, 366.6435

2.7099

398.9588,
384.2920, 433.6142

■ 1.2147, 0.6306,
0.9484

■ 0.1179, 0.0000,
0.0000

■ 74.8482, 67.3808,
78.1681

■ 74.8482, 67.3808,
78.1681

■ 67.5401, 55.8453,
66.2339

■ 83.3222, 80.9599,
91.3784

■ 61.3393, 46.2451,
55.5308

■ 93.0073, 96.6669,
105.8994

■ 56.1895, 38.4747,
46.0169

95.0500, 100.0000,
108.9000

■ 52.0271, 32.4153,
37.6458

■ 48.7812, 27.9334,
30.3677

■ 46.3708, 24.8759,
24.1279

■ 44.6987, 23.0582,
18.8648

■ 43.7755, 22.2742,
15.2818

Harmonies

Analogous

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



72.4405, 67.3808, 93.7545



74.8482, 67.3808, 78.1681



74.2370, 67.3808, 63.2646

Triad

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



74.8482, 67.3808, 78.1681



60.4116, 67.3808, 48.9536



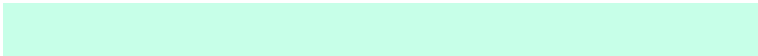
57.7182, 67.3808, 98.9364

Complementary

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



74.8482, 67.3808, 78.1681



73.8810, 89.4894, 89.7268

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.



54.8285, 67.3808, 84.4897



74.8482, 67.3808, 78.1681



56.3217, 67.3808, 56.1713

Square

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



74.8482, 67.3808, 78.1681



65.6989, 67.3808, 47.7556



54.3320, 67.3808, 68.7652



62.4160, 67.3808, 106.8048

Rectangle

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



74.8482, 67.3808, 78.1681



72.2130, 67.3808, 55.5742



54.3320, 67.3808, 68.7652



56.5145, 67.3808, 94.6002

Sweetspot

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



74.8498, 67.3837, 78.1695



87.9698, 88.4762, 98.4121



71.6463, 65.1702, 103.4107



18.7046, 18.7356, 20.8772



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.



74.8498, 67.3837, 78.1695



71.7584, 62.4804, 73.1945



73.0646, 68.4139, 63.3909



18.3186, 18.1108, 20.2951



22.9434, 11.6667, 8.3525



2.2866, 1.1570, 1.0907

Inverse Universe

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



74.8498, 67.3837, 78.1695



71.7584, 62.4804, 73.1945



75.8943, 87.9418, 107.5822



18.3186, 18.1108, 20.2951



22.9434, 11.6667, 8.3525



2.2866, 1.1570, 1.0907

Previews

White Background



This preview shows how the XYZ color 74.8482, 67.3808, 78.1681 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 74.8482, 67.3808, 78.1681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

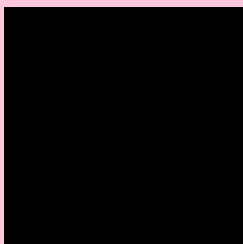
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8482, 67.3808, 78.1681

Background



This preview shows how black text looks on a background with the XYZ color 74.8482, 67.3808, 78.1681.



This preview shows how white text looks on a background with the XYZ color 74.8482, 67.3808,

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

74.8482, 67.3808, 78.1681

Protanopia

65.9496, 67.6542, 85.1839

Deuteranopia

69.0784, 67.6027, 77.1179



Tritanopia

73.9220, 67.3373, 74.0670

Trichromacy



Original Color

74.8482, 67.3808, 78.1681

Protanomaly

68.8726, 67.3712, 82.7728

Deuteranomaly

71.1581, 67.5839, 77.7012

Tritanomaly

74.1822, 67.4413, 75.4373

Monochromacy



Original Color

74.8482, 67.3808, 78.1681

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.0354, 68.6919, 76.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8482, 67.3808, 78.1681 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.8482, 67.3808, 78.1681 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, 222) }
```


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

```
.border{ border-color:rgb(255, 199, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8482, 67.3808, 78.1681 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
199, 222) }
```

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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