

Converting Colors

XYZ(75.4650, 69.4986, 75.6477)

Have a look what the booklet for
XYZ(75.4650, 69.4986, 75.6477)
contains.

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Color

**XYZ(75.4878, 69.5077,
75.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCDA
RGB	255, 204, 218
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.2000, 0.1451
CMYK	0.00, 0.20, 0.15, 0.00
HSL	344°, 100%, 90%
HSV	344°, 20%, 100%
XYZ	75.4878, 69.5077, 75.7674
YIQ	220.8450, 25.9020, 15.1660

Conversions

Conversions Part 2

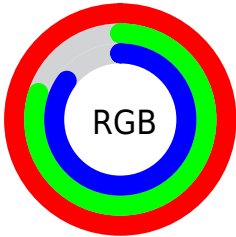
Format	Color
R _Y B	255, 204, 218
Decimal	16764122
CIE Lab	86.75, 20.13, -0.07
CIE LCh	87, 20.129, 359.811
Yxy	69.5077, 0.3419, 0.3149
Android (android.graphics.Color)	4294954202 (0xFFFFCCDA)
YUV	220.8450, -1.4026, 29.9539
Hunter-Lab	83.3713, 15.7215, 4.4774

Details

The XYZ color **75.4878, 69.5077, 75.7674** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5414, 90.7094, 96.6972**, and the grayscale version is **68.6168, 72.1902, 78.6151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8059, 36.4628, 39.5377** is the 20% darker color. If you saturate the color by 10%, you get **67.6282, 57.4493, 61.8621**, and if you desaturate by 10%, it is **84.6131, 83.6645, 91.4298**.

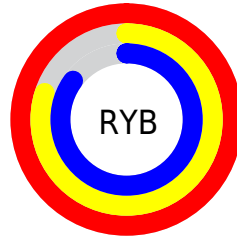
Distribution



Red (100%)

Green (80%)

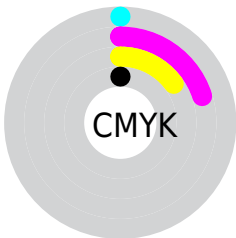
Blue (85%)



Red (100%)

Yellow (80%)

Blue (85%)

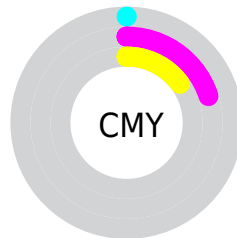


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4878, 69.5077, 75.7674 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 75.4878, 69.5077, 75.7674 by changing the saturation by 10% instead.


 75.4878, 69.5077,
75.7674

 75.4878, 69.5077,
75.7674


468.5639,
458.8196, 499.8767

 56.3082, 51.1253,
55.7363


125.9868,
118.5064, 129.1551

 40.6880, 36.3083,
39.5890

158.0370,
149.8915, 163.3488

 28.2620, 24.6724,
26.9069


195.1080,
186.3797, 203.1005

 18.6647, 15.8332,
17.2715

237.5653,
228.3552, 248.8286

 11.5308, 9.4062,
10.2642

285.7742,
276.2026, 300.9517

 6.4950, 5.0071,
5.4666

340.1000,

 3.1918, 2.2514,

330.3062, 359.8884

2.4601

400.9081,
391.0504, 426.0573

■ 1.2560, 0.7478,
0.8189

■ 0.1499, 0.0000,
0.0000

■ 75.4878, 69.5077,
75.7674

■ 75.4878, 69.5077,
75.7674

■ 67.6282, 57.4493,
61.8621

■ 84.6131, 83.6645,
91.4298

■ 60.9726, 47.3806,
49.6470

95.0500, 100.0000,
108.9000

■ 55.4608, 39.1961,
39.0570

■ 51.0257, 32.7774,
30.0211

■ 47.5928, 27.9922,
22.4626

■ 45.0775, 24.6896,
16.2976

■ 43.3804, 22.6898,
11.4327

■ 42.3452, 21.7022,
7.7497

■ 42.3450, 21.7020,
7.7490

Harmonies

Analogous

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



74.1605, 69.5077, 89.4093



75.4878, 69.5077, 75.7674



74.1926, 69.5077, 63.5686

Triad

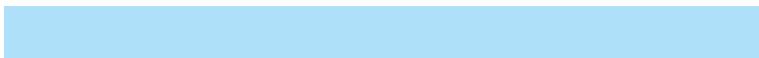
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4878, 69.5077, 75.7674



61.6876, 69.5077, 55.4333



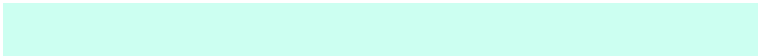
61.6383, 69.5077, 100.2410

Complementary

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



75.4878, 69.5077, 75.7674



76.5414, 90.7094, 96.6972

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.



58.5537, 69.5077, 89.2443



75.4878, 69.5077, 75.7674



58.5812, 69.5077, 63.4371

Square

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



75.4878, 69.5077, 75.7674



66.0948, 69.5077, 52.7058



57.4609, 69.5077, 75.5968



66.0352, 69.5077, 104.5201

Rectangle

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



75.4878, 69.5077, 75.7674



72.0497, 69.5077, 57.6368



57.4609, 69.5077, 75.5968



60.4212, 69.5077, 97.1481

Sweetspot

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



75.4894, 69.5106, 75.7688



88.6257, 89.9292, 98.1947



75.7671, 69.0306, 103.9386



18.8261, 19.0243, 20.7768



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.



75.4894, 69.5106, 75.7688



72.1946, 64.4375, 69.9957



76.4542, 74.2487, 67.4324



18.2142, 18.0690, 19.7450



22.1797, 11.3612, 4.3308



2.2032, 1.1237, 0.6517

Inverse Universe

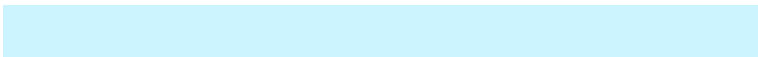
The Inverse Universe completely reimagines the original color for something new.



75.4894, 69.5106, 75.7688



72.1946, 64.4375, 69.9957



75.2895, 84.7303, 106.9941



18.2142, 18.0690, 19.7450



22.1797, 11.3612, 4.3308



2.2032, 1.1237, 0.6517

Previews

White Background



This preview shows how the XYZ color 75.4878, 69.5077, 75.7674 looks on a white background.

Color Contrast Check

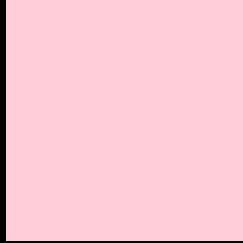
Large Text (above 18pt) WCAG AA × Fail

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 75.4878, 69.5077, 75.7674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

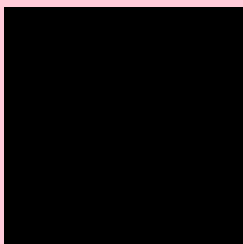
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4878, 69.5077, 75.7674

Background



This preview shows how black text looks on a background with the XYZ color 75.4878, 69.5077, 75.7674.



This preview shows how white text looks on a background with the XYZ color 75.4878, 69.5077,

75.7674.

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

75.4878, 69.5077, 75.7674

Protanopia

67.3599, 69.6080, 81.1196

Deuteranopia

71.4153, 69.9490, 75.3832



Tritanopia

75.7511, 69.6130, 77.1543

Trichromacy



Original Color

75.4878, 69.5077, 75.7674

Protanomaly

70.0070, 69.5167, 78.8355

Deuteranomaly

72.7364, 69.5340, 75.2334

Tritanomaly

75.6190, 69.5602, 76.4587

Monochromacy



Original Color

75.4878, 69.5077, 75.7674

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8230, 71.0918, 77.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4878, 69.5077, 75.7674 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, 204, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 218)  
}
```

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, 204, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.4878, 69.5077, 75.7674 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, 204, 218) }
```


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

```
.border{ border-color:rgb(255, 204, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4878, 69.5077, 75.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 218) }
```

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

```
.background{ background-color: rgb(255,  
204, 218) }
```

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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