

Converting Colors

XYZ(75.0826, 68.3838, 76.5993)

Have a look what the booklet for
XYZ(75.0826, 68.3838, 76.5993)
contains.

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Color

**XYZ(74.9128, 68.1478,
76.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DB
RGB	255, 201, 219
RGB Percent	100%, 79%, 86%
CMY	0.0000, 0.2117, 0.1412
CMYK	0.00, 0.21, 0.14, 0.00
HSL	340°, 100%, 89%
HSV	340°, 21%, 100%
XYZ	74.9128, 68.1478, 76.2233
YIQ	219.1980, 26.4060, 17.0460

Conversions

Conversions Part 2

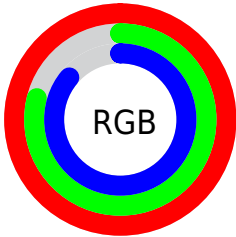
Format	Color
R _Y B	255, 201, 219
Decimal	16763355
CIE Lab	86.08, 21.86, -1.58
CIE LCh	86, 21.915, 355.854
Yxy	68.1478, 0.3416, 0.3108
Android (android.graphics.Color)	4294953435 (0xFFFFC9DB)
YUV	219.1980, -0.0976, 31.3984
Hunter-Lab	82.5517, 17.5171, 3.0413

Details

The XYZ color **74.9128, 68.1478, 76.2233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1358, 90.0531, 93.5464**, and the grayscale version is **67.4587, 70.9718, 77.2882**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4233, 35.5535, 39.8539** is the 20% darker color. If you saturate the color by 10%, you get **67.3294, 56.3816, 63.2112**, and if you desaturate by 10%, it is **83.7149, 81.9847, 90.7713**.

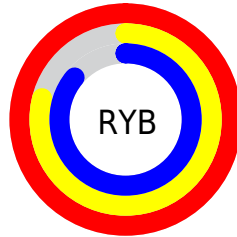
Distribution



Red (100%)

Green (79%)

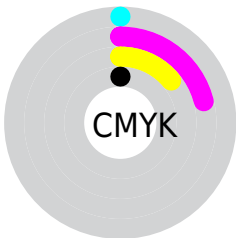
Blue (86%)



Red (100%)

Yellow (79%)

Blue (86%)

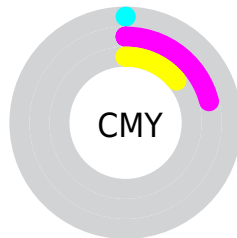


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9128, 68.1478, 76.2233 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 74.9128, 68.1478, 76.2233 by changing the saturation by 10% instead.


 74.9128, 68.1478,
76.2233

 74.9128, 68.1478,
76.2233


466.6196,
454.0195, 501.4789

 55.8354, 50.0180,
56.1079


125.1775,
116.5636, 129.8055

 40.3074, 35.4277,
39.8848


157.0955,
147.6183, 164.1093

 27.9636, 23.9925,
27.1357


194.0243,
183.7501, 203.9797

 18.4385, 15.3281,
17.4418

236.3295,
225.3434, 249.8352

 11.3669, 9.0500,
10.3847

284.3762,
272.7826, 302.0943

 6.3833, 4.7738,
5.5458

338.5299,

 3.1224, 2.1152,

326.4521, 361.1756

2.5067

399.1559,
386.7363, 427.4976

■ 1.2188, 0.6731,
0.8437

■ 0.1211, 0.0000,
0.0000

■ 74.9128, 68.1478,
76.2233

■ 74.9128, 68.1478,
76.2233

■ 67.3294, 56.3816,
63.2112

■ 83.7149, 81.9847,
90.7713

■ 60.9041, 46.5774,
51.6785

■ 93.7826, 97.9768,
106.9004

■ 55.5789, 38.6296,
41.5714

95.0500, 100.0000,
108.9000

■ 51.2880, 32.4191,
32.8307

■ 47.9586, 27.8130,
25.3930

■ 45.5077, 24.6586,
19.1886

■ 43.8365, 22.7733,
14.1398

■ 42.8792, 21.9157,
10.5617

Harmonies

Analogous

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



73.1170, 68.1478, 90.8720



74.9128, 68.1478, 76.2233



73.8781, 68.1478, 62.7586

Triad

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



74.9128, 68.1478, 76.2233



60.6429, 68.1478, 51.9486



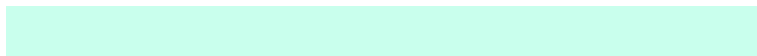
59.4905, 68.1478, 99.5860

Complementary

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



74.9128, 68.1478, 76.2233



75.1358, 90.0531, 93.5464

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.



56.4475, 68.1478, 86.9568



74.9128, 68.1478, 76.2233



57.0883, 68.1478, 59.7054

Square

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



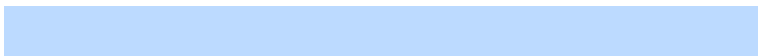
74.9128, 68.1478, 76.2233



65.4746, 68.1478, 49.8473



55.5911, 68.1478, 72.2155



64.0753, 68.1478, 105.4219

Rectangle

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



74.9128, 68.1478, 76.2233



71.7497, 68.1478, 56.0361



55.5911, 68.1478, 72.2155



58.2628, 68.1478, 95.9208

Sweetspot

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



74.9144, 68.1507, 76.2247



88.7626, 89.9840, 98.9159



73.8638, 67.0011, 103.6472



18.8584, 19.0372, 20.9470



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.



74.9144, 68.1507, 76.2247



71.8718, 63.4093, 71.0675



74.8312, 71.5731, 65.1331



18.2591, 18.0869, 19.9813



22.4668, 11.4760, 5.8427



2.2358, 1.1367, 0.8231

Inverse Universe

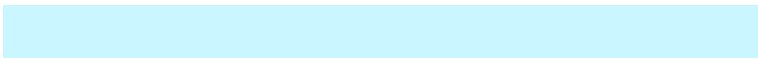
The Inverse Universe completely reimagines the original color for something new.



74.9144, 68.1507, 76.2247



71.8718, 63.4093, 71.0675



75.0951, 85.5505, 107.1627



18.2591, 18.0869, 19.9813



22.4668, 11.4760, 5.8427



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 74.9128, 68.1478, 76.2233 looks on a white background.

Color Contrast Check

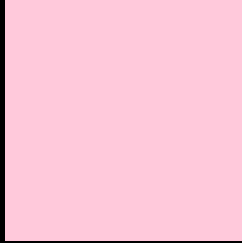
Large Text (above 18pt) WCAG AA × Fail

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 74.9128, 68.1478, 76.2233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

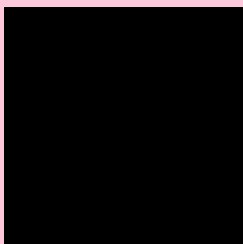
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9128, 68.1478, 76.2233

Background



This preview shows how black text looks on a background with the XYZ color 74.9128, 68.1478, 76.2233.



This preview shows how white text looks on a background with the XYZ color 74.9128, 68.1478,

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

74.9128, 68.1478, 76.2233

Protanopia

66.2306, 68.2381, 82.3536

Deuteranopia

69.7163, 68.3251, 75.8433



Tritanopia

74.6510, 68.0430, 74.8447

Trichromacy



Original Color

74.9128, 68.1478, 76.2233

Protanomaly

68.8881, 67.8057, 79.9780

Deuteranomaly

71.3441, 68.0818, 75.7105

Tritanomaly

74.7815, 68.0952, 75.5319

Monochromacy



Original Color

74.9128, 68.1478, 76.2233

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6084, 69.3572, 76.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9128, 68.1478, 76.2233 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.9128, 68.1478, 76.2233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

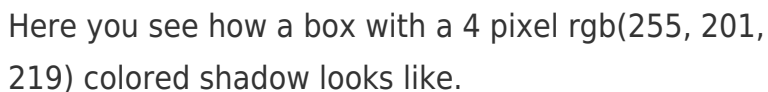
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 201, 219) }
```


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

```
.border{ border-color:rgb(255, 201, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 219); box-shadow:4px 4px 4px 4px rgb(255, 201, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9128, 68.1478, 76.2233 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
201, 219) }
```

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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