

Converting Colors

XYZ(74.5936, 67.9871, 75.0905)

Have a look what the booklet for
XYZ(74.5936, 67.9871, 75.0905)
contains.

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Color

**XYZ(74.6510, 68.0430,
74.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D9
RGB	255, 201, 217
RGB Percent	100%, 79%, 85%
CMY	0.0000, 0.2117, 0.1490
CMYK	0.00, 0.21, 0.15, 0.00
HSL	342°, 100%, 89%
HSV	342°, 21%, 100%
XYZ	74.6510, 68.0430, 74.8447
YIQ	218.9700, 27.0480, 16.4240

Conversions

Conversions Part 2

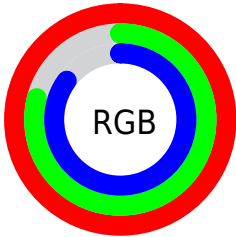
Format	Color
R _Y B	255, 201, 217
Decimal	16763353
CIE Lab	86.03, 21.54, -0.60
CIE LCh	86, 21.553, 358.412
Yxy	68.0430, 0.3432, 0.3128
Android (android.graphics.Color)	4294953433 (0xFFFFC9D9)
YUV	218.9700, -0.9712, 31.5983
Hunter-Lab	82.4882, 17.1864, 3.9456

Details

The XYZ color **74.6510, 68.0430, 74.8447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4297, 90.1706, 95.0941**, and the grayscale version is **67.3059, 70.8111, 77.1133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2440, 35.4818, 38.9100** is the 20% darker color. If you saturate the color by 10%, you get **66.9839, 56.2434, 61.3923**, and if you desaturate by 10%, it is **83.5619, 81.9234, 89.9658**.

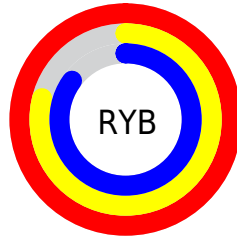
Distribution



Red (100%)

Green (79%)

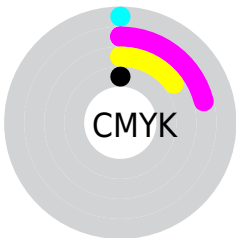
Blue (85%)



Red (100%)

Yellow (79%)

Blue (85%)

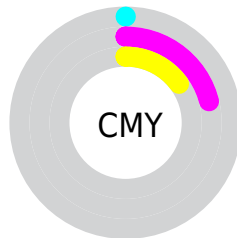


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6510, 68.0430, 74.8447 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 74.6510, 68.0430, 74.8447 by changing the saturation by 10% instead.


 74.6510, 68.0430,
74.8447

 74.6510, 68.0430,
74.8447


465.7328,
453.6484, 496.6248

 55.6202, 49.9327,
54.9847


124.8088,
116.4137, 127.8376

 40.1343, 35.3599,
38.9910

156.6664,
147.4428, 161.8075

 27.8279, 23.9403,
26.4449


193.5304,
183.5471, 201.3179

 18.3358, 15.2893,
16.9280

235.7661,
225.1108, 246.7872

 11.2925, 9.0227,
10.0218

283.7388,
272.5184, 298.6340

 6.3327, 4.7560,
5.3076

337.8140,

 3.0910, 2.1048,

326.1542, 357.2769

2.3670

398.3569,
386.4028, 423.1343

■ 1.2021, 0.6673,
0.7684

■ 0.1080, 0.0000,
0.0000

■ 74.6510, 68.0430,
74.8447

■ 74.6510, 68.0430,
74.8447

■ 66.9839, 56.2434,
61.3923

■ 83.5619, 81.9234,
89.9658

■ 60.4991, 46.4153,
49.5455

■ 93.7649, 97.9696,
106.8072

■ 55.1368, 38.4527,
39.2435

95.0500, 100.0000,
108.9000

■ 50.8301, 32.2359,
30.4194

■ 47.5045, 27.6313,
23.0014

■ 45.0751, 24.4856,
16.9108

■ 43.4415, 22.6153,
12.0594

■ 42.5286, 21.7755,
8.7158

Harmonies

Analogous

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



73.1154, 68.0430, 89.2867



74.6510, 68.0430, 74.8447



73.4018, 68.0430, 61.8710

Triad

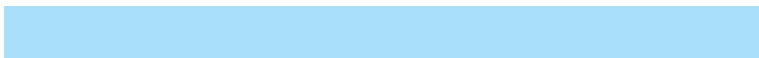
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6510, 68.0430, 74.8447



60.2533, 68.0430, 52.6238



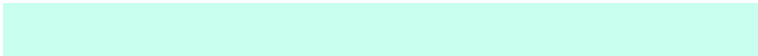
59.8189, 68.0430, 99.7895

Complementary

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



74.6510, 68.0430, 74.8447



75.4297, 90.1706, 95.0941

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.



56.6649, 68.0430, 87.8142



74.6510, 68.0430, 74.8447



56.9066, 68.0430, 60.7187

Square

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



74.6510, 68.0430, 74.8447



64.9368, 68.0430, 50.0637



55.6259, 68.0430, 73.3349



64.4096, 68.0430, 104.7787

Rectangle

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



74.6510, 68.0430, 74.8447



71.1919, 68.0430, 55.5291



55.6259, 68.0430, 73.3349



58.5644, 68.0430, 96.3783

Sweetspot

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



74.6526, 68.0459, 74.8461



88.6763, 89.9495, 98.4614



74.4678, 67.3123, 103.6754



18.8381, 19.0291, 20.8398



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.



74.6526, 68.0459, 74.8461



71.5751, 63.2906, 69.5052



75.2780, 72.4668, 65.2820



18.2308, 18.0756, 19.8323



22.2788, 11.4008, 4.8525



2.2147, 1.1283, 0.7120

Inverse Universe

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



74.6526, 68.0459, 74.8461



71.5751, 63.2906, 69.5052



74.5503, 84.4609, 106.9811



18.2308, 18.0756, 19.8323



22.2788, 11.4008, 4.8525



2.2147, 1.1283, 0.7120

Previews

White Background



This preview shows how the XYZ color 74.6510, 68.0430, 74.8447 looks on a white background.

Color Contrast Check

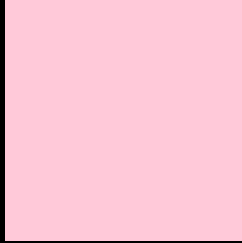
Large Text (above 18pt) WCAG AA × Fail

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 74.6510, 68.0430, 74.8447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

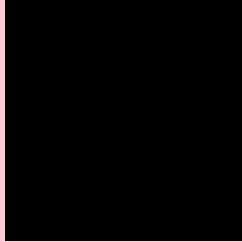
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6510, 68.0430, 74.8447

Background



This preview shows how black text looks on a background with the XYZ color 74.6510, 68.0430, 74.8447.



This preview shows how white text looks on a background with the XYZ color 74.6510, 68.0430,

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

74.6510, 68.0430, 74.8447

Protanopia

66.2524, 68.2811, 80.9219

Deuteranopia

69.7872, 68.3917, 74.4885



Tritanopia

74.6510, 68.0430, 74.8447

Trichromacy



Original Color

74.6510, 68.0430, 74.8447

Protanomaly

68.9403, 67.8638, 78.5727

Deuteranomaly

71.4281, 68.1552, 74.3563

Tritanomaly

74.6510, 68.0430, 74.8447

Monochromacy



Original Color

74.6510, 68.0430, 74.8447

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.4771, 69.3047, 76.0450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6510, 68.0430, 74.8447 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.6510, 68.0430, 74.8447 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, 217) }
```


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

```
.border{ border-color:rgb(255, 201, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6510, 68.0430, 74.8447 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
201, 217) }
```

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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