

Converting Colors

XYZ(74.5555, 68.2890, 73.4657)

Have a look what the booklet for
XYZ(74.5555, 68.2890, 73.4657)
contains.

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Color

**XYZ(74.6263, 68.4074,
73.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD7
RGB	255, 202, 215
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2078, 0.1569
CMYK	0.00, 0.21, 0.16, 0.00
HSL	345°, 100%, 90%
HSV	345°, 21%, 100%
XYZ	74.6263, 68.4074, 73.5607
YIQ	219.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

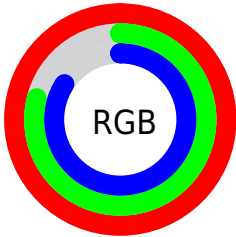
Format	Color
R _Y B	255, 202, 215
Decimal	16763607
CIE Lab	86.21, 20.71, 0.73
CIE LCh	86, 20.723, 2.022
Yxy	68.4074, 0.3445, 0.3158
Android (android.graphics.Color)	4294953687 (0xFFFFCAD7)
YUV	219.3290, -2.1342, 31.2835
Hunter-Lab	82.7088, 16.3163, 5.1640

Details

The XYZ color **74.6263, 68.4074, 73.5607** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1465, 90.4885, 97.4609**, and the grayscale version is **67.5628, 71.0814, 77.4076**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2238, 35.7236, 38.0330** is the 20% darker color. If you saturate the color by 10%, you get **66.8007, 56.4839, 59.4599**, and if you desaturate by 10%, it is **83.7347, 82.4303, 89.5264**.

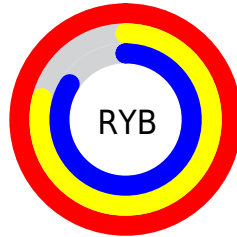
Distribution



Red (100%)

Green (79%)

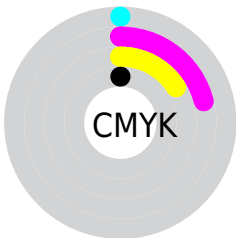
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

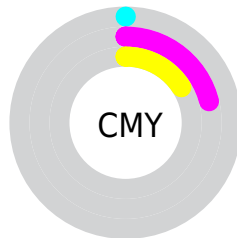


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6263, 68.4074, 73.5607 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 74.6263, 68.4074, 73.5607 by changing the saturation by 10% instead.


 74.6263, 68.4074,
73.5607

 74.6263, 68.4074,
73.5607


465.6491,
454.9381, 492.0786

 55.5999, 50.2292,
53.9400


124.7740,
116.9348, 126.0012

 40.1180, 35.5956,
38.1608


156.6259,
148.0528, 159.6579

 27.8151, 24.1220,
25.8047


193.4838,
184.2528, 198.8305

 18.3261, 15.4242,
16.4532


235.7130,
225.9194, 243.9374

 11.2855, 9.1176,
9.6876

283.6787,
273.4368, 295.3971

 6.3279, 4.8180,
5.0894

337.7464,

 3.0880, 2.1409,

327.1894, 353.6281

2.2402

398.2814,
387.5618, 419.0491

■ 1.2005, 0.6875,
0.6974

■ 0.1067, 0.0000,
0.0000

■ 74.6263, 68.4074,
73.5607

■ 74.6263, 68.4074,
73.5607

■ 66.8007, 56.4839,
59.4599

■ 83.7347, 82.4303,
89.5264

■ 60.1944, 46.5499,
47.1506

■ 94.1759, 98.6379,
107.4180

■ 54.7460, 38.4990,
36.5608

■ 95.0500, 100.0000,
108.9000

■ 50.3862, 32.2109,
27.6117

■ 47.0385, 27.5517,
20.2183

■ 44.6157, 24.3680,
14.2872

■ 43.0146, 22.4763,
9.7137

■ 42.1242, 21.6137,
6.5859

Harmonies

Analogous

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



73.4632, 68.4074, 87.5038



74.6263, 68.4074, 73.5607



73.1125, 68.4074, 61.4017

Triad

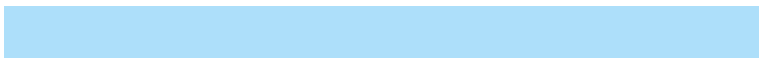
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6263, 68.4074, 73.5607



60.2745, 68.4074, 54.3529



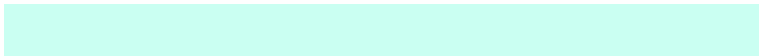
60.8092, 68.4074, 100.1830

Complementary

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



74.6263, 68.4074, 73.5607



76.1465, 90.4885, 97.4609

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.



57.5463, 68.4074, 89.3040



74.6263, 68.4074, 73.5607



57.2484, 68.4074, 62.8244

Square

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



74.6263, 68.4074, 73.5607



64.6960, 68.4074, 51.1890



56.2741, 68.4074, 75.4151



65.3435, 68.4074, 103.9513

Rectangle

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



74.6263, 68.4074, 73.5607



70.8301, 68.4074, 55.6321



56.2741, 68.4074, 75.4151



59.5351, 68.4074, 97.1758

Sweetspot

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



74.6279, 68.4103, 73.5621



88.5578, 89.9021, 97.8376



75.7047, 68.2973, 103.8004



18.8101, 19.0179, 20.6927



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

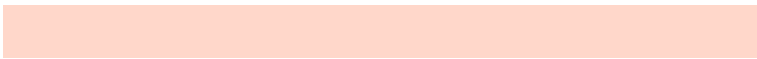
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6279, 68.4103, 73.5621



71.1735, 63.1300, 67.3905



76.2667, 74.2552, 66.1940



18.1920, 18.0601, 19.6282



22.0598, 11.3132, 3.6996



2.1889, 1.1179, 0.5764

Inverse Universe

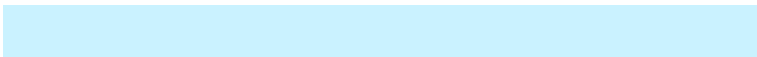
The Inverse Universe completely reimagines the original color for something new.



74.6279, 68.4103, 73.5621



71.1735, 63.1300, 67.3905



74.0870, 83.1339, 106.7494



18.1920, 18.0601, 19.6282



22.0598, 11.3132, 3.6996



2.1889, 1.1179, 0.5764

Previews

White Background



This preview shows how the XYZ color 74.6263, 68.4074, 73.5607 looks on a white background.

Color Contrast Check

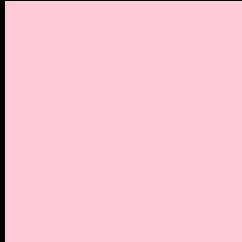
Large Text (above 18pt) WCAG AA × Fail

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 74.6263, 68.4074, 73.5607 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 74.6263, 68.4074, 73.5607

Background



This preview shows how black text looks on a background with the XYZ color 74.6263, 68.4074, 73.5607.

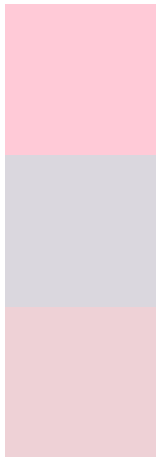


This preview shows how white text looks on a background with the XYZ color 74.6263, 68.4074,

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

74.6263, 68.4074, 73.5607

Protanopia

66.3987, 68.7802, 78.8836

Deuteranopia

70.1980, 68.6331, 73.1660



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

74.6263, 68.4074, 73.5607

Protanomaly

68.7878, 68.1966, 76.5556

Deuteranomaly

71.5171, 68.2307, 73.0188

Tritanomaly

74.7552, 68.4589, 74.2396

Monochromacy



Original Color

74.6263, 68.4074, 73.5607

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.7279, 69.8063, 76.1286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6263, 68.4074, 73.5607 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, 202, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 215)  
}
```

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, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 215) }
```

Border

The CSS property to change the border of an element to XYZ 74.6263, 68.4074, 73.5607 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, 202, 215) }
```


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

```
.border{ border-color:rgb(255, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6263, 68.4074, 73.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 215) }
```

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

```
.background{ background-color: rgb(255,  
202, 215) }
```

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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