

Converting Colors

XYZ(98.9745, 80.9063, 76.6910)

Have a look what the booklet for
XYZ(98.9745, 80.9063, 76.6910)
contains.

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Color

**XYZ(75.0154, 68.5630,
75.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCADA
RGB	255, 202, 218
RGB Percent	100%, 79%, 85%
CMY	0.0000, 0.2078, 0.1451
CMYK	0.00, 0.21, 0.15, 0.00
HSL	342°, 100%, 90%
HSV	342°, 21%, 100%
XYZ	75.0154, 68.5630, 75.6099
YIQ	219.6710, 26.4520, 16.2120

Conversions

Conversions Part 2

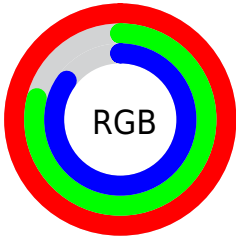
Format	Color
R _Y B	255, 202, 218
Decimal	16763610
CIE Lab	86.29, 21.18, -0.75
CIE LCh	86, 21.190, 357.972
Yxy	68.5630, 0.3422, 0.3128
Android (android.graphics.Color)	4294953690 (0xFFFFCADA)
YUV	219.6710, -0.8238, 30.9835
Hunter-Lab	82.8028, 16.8077, 3.8223

Details

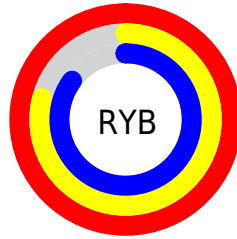
The XYZ color **75.0154, 68.5630, 75.6099** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6994, 90.3097, 95.1067**, and the grayscale version is **67.7923, 71.3228, 77.6705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4895, 35.8299, 39.4322** is the 20% darker color. If you saturate the color by 10%, you get **67.3132, 56.6889, 62.1593**, and if you desaturate by 10%, it is **83.9597, 82.5202, 90.7110**.

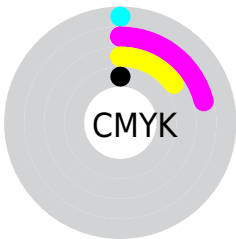
Distribution



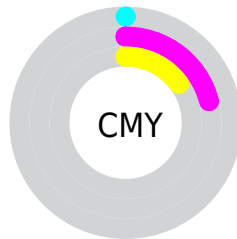
- Red (100%)
- Green (79%)
- Blue (85%)



- 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 75.0154, 68.5630, 75.6099 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 75.0154, 68.5630, 75.6099 by changing the saturation by 10% instead.


 75.0154, 68.5630,
75.6099

 75.0154, 68.5630,
75.6099


466.9669,
455.4882, 499.3225

 55.9197, 50.3559,
55.6079


125.3220,
117.1572, 128.9304

 40.3753, 35.6963,
39.4868

157.2635,
148.3131, 163.0859

 28.0168, 24.1997,
26.8279


194.2178,
184.5540, 202.7965

 18.4788, 15.4818,
17.2127

236.5501,
226.2644, 248.4805

 11.3961, 9.1582,
10.2227

284.6258,
273.8286, 300.5566

 6.4032, 4.8445,
5.4393

338.8103,

 3.1347, 2.1563,

327.6310, 359.4433

2.4441

399.4688,
388.0561, 425.5591

■ 1.2254, 0.6960,
0.8103

■ 0.1263, 0.0000,
0.0000

■ 75.0154, 68.5630,
75.6099

■ 75.0154, 68.5630,
75.6099

■ 67.3132, 56.6889,
62.1593

■ 83.9597, 82.5202,
90.7110

■ 60.7920, 46.7889,
50.2973

■ 94.1938, 98.6450,
107.5129

■ 55.3922, 38.7575,
39.9641

■ 95.0500, 100.0000,
108.9000

■ 51.0476, 32.4754,
31.0946

■ 47.6842, 27.8100,
23.6183

■ 45.2178, 24.6088,
17.4582

■ 43.5491, 22.6901,
12.5284

■ 42.5784, 21.7954,
8.9779

Harmonies

Analogous

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



73.4618, 68.5630, 89.8532



75.0154, 68.5630, 75.6099



73.8226, 68.5630, 62.7299

Triad

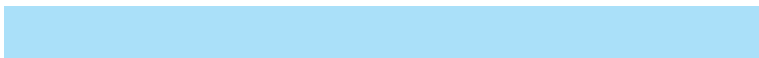
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0154, 68.5630, 75.6099



60.8586, 68.5630, 53.3204



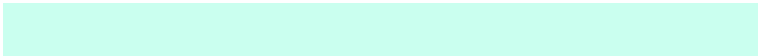
60.3100, 68.5630, 99.8696

Complementary

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



75.0154, 68.5630, 75.6099



75.6994, 90.3097, 95.1067

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.



57.2160, 68.5630, 87.9996



75.0154, 68.5630, 75.6099



57.5215, 68.5630, 61.2725

Square

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



75.0154, 68.5630, 75.6099



65.5002, 68.5630, 50.8609



56.2208, 68.5630, 73.7051



64.8351, 68.5630, 104.9044

Rectangle

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



75.0154, 68.5630, 75.6099



71.6622, 68.5630, 56.3957



56.2208, 68.5630, 73.7051



59.0767, 68.5630, 96.4792

Sweetspot

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



75.0170, 68.5659, 75.6113



88.6893, 89.9547, 98.5299



74.5053, 67.6789, 103.7442



18.8411, 19.0303, 20.8559



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.



75.0170, 68.5659, 75.6113



71.6196, 63.3084, 69.7395



75.3753, 72.4725, 65.8968



18.2350, 18.0773, 19.8547



22.3055, 11.4115, 4.9935



2.2177, 1.1295, 0.7281

Inverse Universe

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



75.0170, 68.5659, 75.6113



71.6196, 63.3084, 69.7395



75.1473, 85.2545, 107.1028



18.2350, 18.0773, 19.8547



22.3055, 11.4115, 4.9935



2.2177, 1.1295, 0.7281

Previews

White Background



This preview shows how the XYZ color 75.0154, 68.5630, 75.6099 looks on a white background.

Color Contrast Check

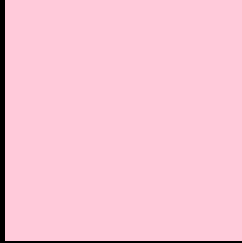
Large Text (above 18pt) WCAG AA × Fail

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 75.0154, 68.5630, 75.6099 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 75.0154, 68.5630, 75.6099

Background



This preview shows how black text looks on a background with the XYZ color 75.0154, 68.5630, 75.6099.



This preview shows how white text looks on a background with the XYZ color 75.0154, 68.5630,

75.6099.

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

75.0154, 68.5630, 75.6099

Protanopia

66.6432, 68.8436, 81.7272

Deuteranopia

70.2499, 68.6152, 75.1871



Tritanopia

75.0154, 68.5630, 75.6099

Trichromacy



Original Color

75.0154, 68.5630, 75.6099

Protanomaly

69.3209, 68.4098, 79.3629

Deuteranomaly

71.9039, 68.3855, 75.0556

Tritanomaly

75.0154, 68.5630, 75.6099

Monochromacy



Original Color

75.0154, 68.5630, 75.6099

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1847, 70.0266, 76.8352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0154, 68.5630, 75.6099 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.0154, 68.5630, 75.6099 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, 218) }
```


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

```
.border{ border-color:rgb(255, 202, 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, 202, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0154, 68.5630, 75.6099 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, 218) }
```

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

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