

Converting Colors

XYZ(81.5428, 72.2477, 76.6787)

Have a look what the booklet for
XYZ(81.5428, 72.2477, 76.6787)
contains.

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Color

**XYZ(75.3821, 69.0863,
76.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBDB
RGB	255, 203, 219
RGB Percent	100%, 80%, 86%
CMY	0.0000, 0.2039, 0.1412
CMYK	0.00, 0.20, 0.14, 0.00
HSL	342°, 100%, 90%
HSV	342°, 20%, 100%
XYZ	75.3821, 69.0863, 76.3798
YIQ	220.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

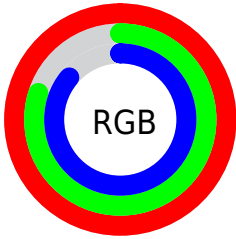
Format	Color
R _Y B	255, 203, 219
Decimal	16763867
CIE Lab	86.55, 20.81, -0.90
CIE LCh	87, 20.829, 357.519
Yxy	69.0863, 0.3413, 0.3128
Android (android.graphics.Color)	4294953947 (0xFFFFCBDB)
YUV	220.3720, -0.6764, 30.3688
Hunter-Lab	83.1182, 16.4296, 3.6993

Details

The XYZ color **75.3821, 69.0863, 76.3798** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9709, 90.4496, 95.1193**, and the grayscale version is **68.2807, 71.8366, 78.2300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7370, 36.1810, 39.9585** is the 20% darker color. If you saturate the color by 10%, you get **67.6457, 57.1379, 62.9355**, and if you desaturate by 10%, it is **84.3587, 83.1200, 91.4555**.

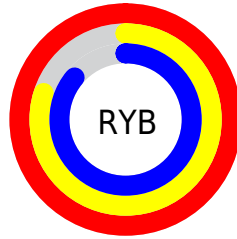
Distribution



Red (100%)

Green (80%)

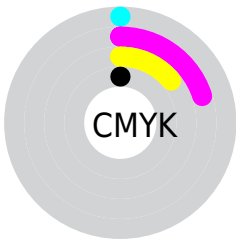
Blue (86%)



Red (100%)

Yellow (80%)

Blue (86%)

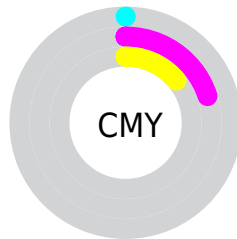


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3821, 69.0863, 76.3798 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 75.3821, 69.0863, 76.3798 by changing the saturation by 10% instead.

75.3821, 69.0863,
76.3798

75.3821, 69.0863,
76.3798

468.2068,
457.3353, 502.0282

56.2213, 50.7820,
56.2355

125.8381,
117.9048, 130.0286

40.6180, 36.0351,
39.9865

157.8640,
149.1878, 164.3702

28.2071, 24.4613,
27.2143

194.9089,
185.5659, 204.2813

18.6231, 15.6762,
17.5004

237.3383,
227.4233, 250.1805

11.5006, 9.2953,
10.4262

285.5174,
275.1446, 302.4862

6.4744, 4.9343,
5.5731

339.8116,

3.1790, 2.2088,

329.1141, 361.6170

2.5228

400.5863,
389.7162, 427.9915

■ 1.2491, 0.7248,
0.8522

■ 0.1446, 0.0000,
0.0000

■ 75.3821, 69.0863,
76.3798

■ 75.3821, 69.0863,
76.3798

■ 67.6457, 57.1379,
62.9355

■ 84.3587, 83.1200,
91.4555

■ 61.0886, 47.1662,
51.0621

94.6231, 99.3232,
108.2120

■ 55.6520, 39.0659,
40.7010

95.0500, 100.0000,
108.9000

■ 51.2698, 32.7187,
31.7884

■ 47.8687, 27.9923,
24.2554

■ 45.3655, 24.7356,
18.0270

■ 43.6617, 22.7681,
13.0192

■ 42.6313, 21.8165,
9.2564

Harmonies

Analogous

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



73.8106, 69.0863, 90.4223



75.3821, 69.0863, 76.3798



74.2459, 69.0863, 63.5960

Triad

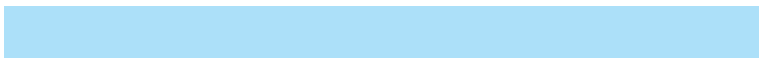
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3821, 69.0863, 76.3798



61.4680, 69.0863, 54.0233



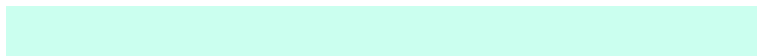
60.8045, 69.0863, 99.9526

Complementary

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



75.3821, 69.0863, 76.3798



75.9709, 90.4496, 95.1193

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.



57.7711, 69.0863, 88.1878



75.3821, 69.0863, 76.3798



58.1408, 69.0863, 61.8306

Square

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



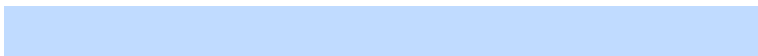
75.3821, 69.0863, 76.3798



66.0671, 69.0863, 51.6661



56.8200, 69.0863, 74.0784



65.2635, 69.0863, 105.0325

Rectangle

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



75.3821, 69.0863, 76.3798



72.1352, 69.0863, 57.2705



56.8200, 69.0863, 74.0784



59.5927, 69.0863, 96.5830

Sweetspot

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



75.3837, 69.0892, 76.3812



88.7028, 89.9601, 98.6011



74.8472, 68.2046, 103.8277



18.8443, 19.0316, 20.8727



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.



75.3837, 69.0892, 76.3812



72.4503, 64.5398, 71.3421



75.6985, 72.9286, 66.5905



18.2394, 18.0791, 19.8781



22.3340, 11.4229, 5.1431



2.2210, 1.1308, 0.7451

Inverse Universe

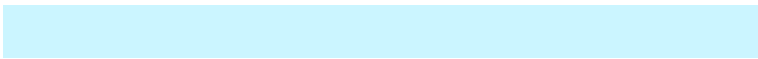
The Inverse Universe completely reimagines the original color for something new.



75.3837, 69.0892, 76.3812



72.4503, 64.5398, 71.3421



75.4743, 85.5056, 107.1340



18.2394, 18.0791, 19.8781



22.3340, 11.4229, 5.1431



2.2210, 1.1308, 0.7451

Previews

White Background



This preview shows how the XYZ color 75.3821, 69.0863, 76.3798 looks on a white background.

Color Contrast Check

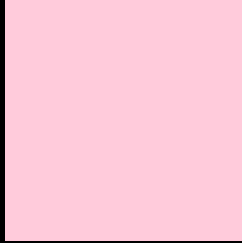
Large Text (above 18pt) WCAG AA × Fail

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 75.3821, 69.0863, 76.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

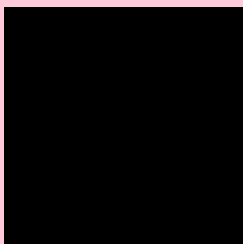
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3821, 69.0863, 76.3798

Background



This preview shows how black text looks on a background with the XYZ color 75.3821, 69.0863, 76.3798.



This preview shows how white text looks on a background with the XYZ color 75.3821, 69.0863,

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

75.3821, 69.0863, 76.3798

Protanopia

67.1968, 69.5081, 81.8263

Deuteranopia

70.6265, 69.1597, 75.9564



Tritanopia

75.3821, 69.0863, 76.3798

Trichromacy



Original Color

75.3821, 69.0863, 76.3798

Protanomaly

69.5685, 68.9052, 79.4454

Deuteranomaly

72.2759, 68.9207, 75.8233

Tritanomaly

75.3821, 69.0863, 76.3798

Monochromacy



Original Color

75.3821, 69.0863, 76.3798

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.5691, 70.5841, 77.6148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3821, 69.0863, 76.3798 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.3821, 69.0863, 76.3798 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, 203, 219) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3821, 69.0863, 76.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 219) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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