

Converting Colors

XYZ(75.3573, 69.4555, 75.0801)

Have a look what the booklet for
XYZ(75.3573, 69.4555, 75.0801)
contains.

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Color

**XYZ(75.3573, 69.4555,
75.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD9
RGB	255, 204, 217
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.2000, 0.1490
CMYK	0.00, 0.20, 0.15, 0.00
HSL	345°, 100%, 90%
HSV	345°, 20%, 100%
XYZ	75.3573, 69.4555, 75.0801
YIQ	220.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

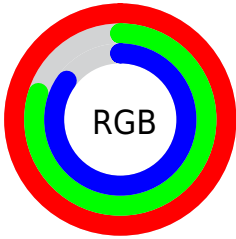
Format	Color
R _Y B	255, 204, 217
Decimal	16764121
CIE Lab	86.73, 19.97, 0.43
CIE LCh	87, 19.977, 1.224
Yxy	69.4555, 0.3427, 0.3159
Android (android.graphics.Color)	4294954201 (0xFFFFCCD9)
YUV	220.7310, -1.8394, 30.0539
Hunter-Lab	83.3400, 15.5575, 4.9242

Details

The XYZ color **75.3573, 69.4555, 75.0801** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6912, 90.7693, 97.4863**, and the grayscale version is **68.5397, 72.1091, 78.5268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7166, 36.4271, 39.0676** is the 20% darker color. If you saturate the color by 10%, you get **67.4543, 57.3798, 60.9461**, and if you desaturate by 10%, it is **84.5403, 83.6354, 91.0466**.

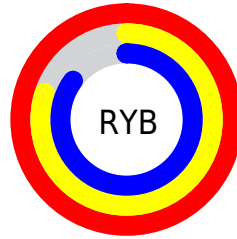
Distribution



Red (100%)

Green (80%)

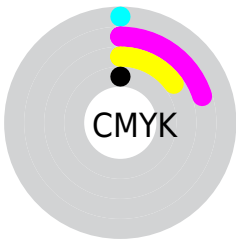
Blue (85%)



Red (100%)

Yellow (80%)

Blue (85%)

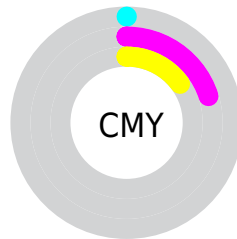


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3573, 69.4555, 75.0801 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 75.3573, 69.4555, 75.0801 by changing the saturation by 10% instead.


 75.3573, 69.4555,
75.0801

 75.3573, 69.4555,
75.0801


468.1230,
458.6358, 497.4556

 56.2009, 51.0828,
55.1764


125.8032,
118.4319, 128.1739

 40.6016, 36.2745,
39.1434


157.8234,
149.8044, 162.2010

 28.1942, 24.6463,
26.5626


194.8622,
186.2789, 201.7731

 18.6133, 15.8137,
17.0155

237.2850,
228.2399, 247.3085

 11.4936, 9.3924,
10.0835

285.4571,
276.0716, 299.2260

 6.4696, 4.9980,
5.3480

339.7439,

 3.1760, 2.2461,

330.1586, 357.9440

2.3906

400.5108,
390.8852, 423.8810

■ 1.2475, 0.7450,
0.7813

■ 0.1434, 0.0000,
0.0000

■ 75.3573, 69.4555,
75.0801

■ 75.3573, 69.4555,
75.0801

■ 67.4543, 57.3798,
60.9461

■ 84.5403, 83.6354,
91.0466

■ 60.7687, 47.2990,
48.5736

95.0500, 100.0000,
108.9000

■ 55.2398, 39.1077,
37.8932

■ 50.7993, 32.6869,
28.8291

■ 47.3719, 27.9039,
21.2994

■ 44.8719, 24.6073,
15.2145

■ 43.1984, 22.6170,
10.4742

■ 42.1939, 21.6417,
6.9527

■ 42.1937, 21.6415,
6.9520

Harmonies

Analogous

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



74.1607, 69.4555, 88.6246



75.3573, 69.4555, 75.0801



73.9547, 69.4555, 63.1208

Triad

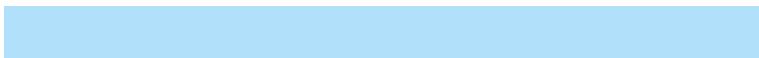
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3573, 69.4555, 75.0801



61.4911, 69.4555, 55.7854



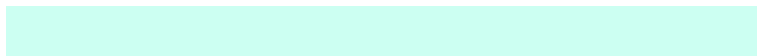
61.8069, 69.4555, 100.3446

Complementary

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



75.3573, 69.4555, 75.0801



76.6912, 90.7693, 97.4863

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.



58.6656, 69.4555, 89.6808



75.3573, 69.4555, 75.0801



58.4894, 69.4555, 63.9636

Square

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



75.3573, 69.4555, 75.0801



65.8247, 69.4555, 52.8184



57.4793, 69.4555, 76.1730



66.2064, 69.4555, 104.2018

Rectangle

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



75.3573, 69.4555, 75.0801



71.7708, 69.4555, 57.3788



57.4793, 69.4555, 76.1730



60.5762, 69.4555, 97.3800

Sweetspot

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



75.3589, 69.4584, 75.0815



88.5801, 89.9110, 97.9550



76.0572, 69.1801, 103.9522



18.8154, 19.0200, 20.7203



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.



75.3589, 69.4584, 75.0815



72.0451, 64.3777, 69.2081



76.6713, 74.6828, 67.5048



18.1993, 18.0630, 19.6666



22.0977, 11.3284, 3.8987



2.1935, 1.1198, 0.6004

Inverse Universe

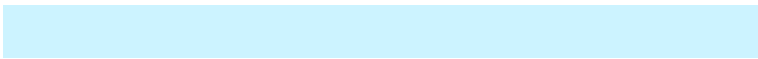
The Inverse Universe completely reimagines the original color for something new.



75.3589, 69.4584, 75.0815



72.0451, 64.3777, 69.2081



75.0345, 84.2201, 106.9091



18.1993, 18.0630, 19.6666



22.0977, 11.3284, 3.8987



2.1935, 1.1198, 0.6004

Previews

White Background



This preview shows how the XYZ color 75.3573, 69.4555, 75.0801 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 75.3573, 69.4555, 75.0801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

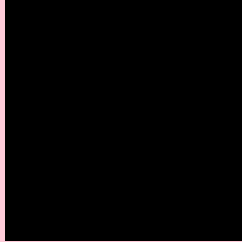
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3573, 69.4555, 75.0801

Background



This preview shows how black text looks on a background with the XYZ color 75.3573, 69.4555, 75.0801.



This preview shows how white text looks on a background with the XYZ color 75.3573, 69.4555,

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

75.3573, 69.4555, 75.0801

Protanopia

67.2238, 69.5536, 80.4031

Deuteranopia

71.0379, 69.4018, 74.6175



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

75.3573, 69.4555, 75.0801

Protanomaly

69.8733, 69.4632, 78.1316

Deuteranomaly

72.6067, 69.4821, 74.5503

Tritanomaly

75.4878, 69.5077, 75.7674

Monochromacy



Original Color

75.3573, 69.4555, 75.0801

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8230, 71.0918, 77.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3573, 69.4555, 75.0801 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, 204, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.3573, 69.4555, 75.0801 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, 204, 217) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3573, 69.4555, 75.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 217) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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