

Converting Colors

XYZ(75.0443, 69.8646, 71.7851)

Have a look what the booklet for
XYZ(75.0443, 69.8646, 71.7851)
contains.

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Color

**XYZ(74.9550, 69.6761,
71.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDD4
RGB	255, 205, 212
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.1961, 0.1686
CMYK	0.00, 0.20, 0.17, 0.00
HSL	352°, 100%, 90%
HSV	352°, 20%, 100%
XYZ	74.9550, 69.6761, 71.7856
YIQ	220.7480, 27.5530, 12.7770

Conversions

Conversions Part 2

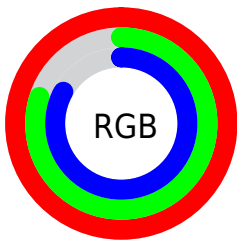
Format	Color
R _Y B	255, 205, 212
Decimal	16764372
CIE Lab	86.84, 18.68, 3.24
CIE LCh	87, 18.958, 9.832
Yxy	69.6761, 0.3463, 0.3220
Android (android.graphics.Color)	4294954452 (0xFFFFCDD4)
YUV	220.7480, -4.3128, 30.0390
Hunter-Lab	83.4722, 14.2101, 7.4415

Details

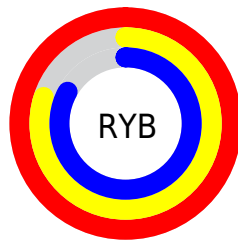
The XYZ color **74.9550, 69.6761, 71.7856** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8825, 91.2776, 102.3243**, and the grayscale version is **68.5677, 72.1386, 78.5589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4411, 36.5733, 36.8262** is the 20% darker color. If you saturate the color by 10%, you get **66.7636, 57.4242, 56.3201**, and if you desaturate by 10%, it is **84.5196, 84.0724, 89.5646**.

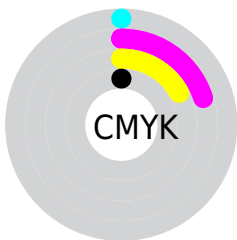
Distribution



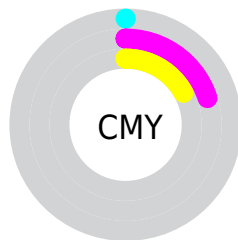
- Red (100%)
- Green (80%)
- Blue (83%)



- Red (100%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9550, 69.6761, 71.7856 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 74.9550, 69.6761, 71.7856 by changing the saturation by 10% instead.


 74.9550, 69.6761,
71.7856

 74.9550, 69.6761,
71.7856


466.7624,
459.4119, 485.7525

 55.8701, 51.2625,
52.4978


125.2369,
118.7467, 123.4565

 40.3354, 36.4176,
37.0170

157.1646,
150.1726, 156.6768

 27.9855, 24.7569,
24.9248


194.1039,
186.7046, 195.3782

 18.4551, 15.8960,
15.8025

236.4202,
228.7273, 239.9794

 11.3789, 9.4506,
9.2317

284.4789,
276.6250, 290.8989

 6.3915, 5.0362,
4.7937

338.6452,

 3.1274, 2.2685,

330.7820, 348.5552

2.0701

399.2846,
391.5829, 413.3669

■ 1.2215, 0.7570,
0.5979

■ 0.1233, 0.0000,
0.0000

■ 74.9550, 69.6761,
71.7856

■ 74.9550, 69.6761,
71.7856

■ 66.7636, 57.4242,
56.3201

■ 84.5196, 84.0724,
89.5646

■ 59.8773, 47.2055,
43.0687

95.0500, 100.0000,
108.9000

■ 54.2297, 38.9124,
31.9306

■ 49.7463, 32.4239,
22.7961

■ 46.3447, 27.6050,
15.5450

■ 43.9314, 24.3018,
10.0443

■ 42.3966, 22.3318,
6.1429

■ 41.5778, 21.4126,
3.6547

■ 41.5536, 21.3854,
3.5813

Harmonies

Analogous

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



74.5255, 69.6761, 84.5687



74.9550, 69.6761, 71.7856



72.9668, 69.6761, 61.3214

Triad

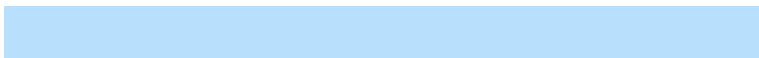
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9550, 69.6761, 71.7856



60.9302, 69.6761, 58.6704



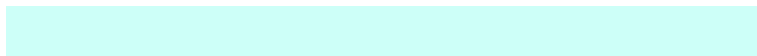
63.3384, 69.6761, 101.0773

Complementary

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



74.9550, 69.6761, 71.7856



77.8825, 91.2776, 102.3243

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.



59.9119, 69.6761, 92.5445



74.9550, 69.6761, 71.7856



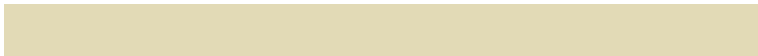
58.5650, 69.6761, 67.7808

Square

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



74.9550, 69.6761, 71.7856



64.7847, 69.6761, 54.3254



58.2007, 69.6761, 80.0970



67.6865, 69.6761, 102.4575

Rectangle

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



74.9550, 69.6761, 71.7856



70.5876, 69.6761, 56.7116



58.2007, 69.6761, 80.0970



62.0461, 69.6761, 98.9088

Sweetspot

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



74.9566, 69.6791, 71.7870



88.3149, 89.8049, 96.5585



78.4175, 70.7509, 104.1310



18.7529, 18.9950, 20.3913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

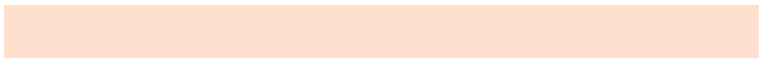
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9566, 69.6791, 71.7870



71.1910, 64.0361, 64.7109



78.5155, 78.1787, 68.7133



18.1129, 18.0285, 19.2115



21.7439, 11.1868, 2.0357



2.1470, 1.1012, 0.3555

Inverse Universe

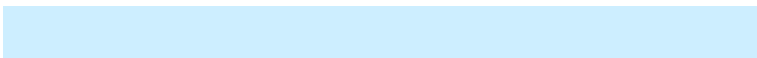
The Inverse Universe completely reimagines the original color for something new.



74.9566, 69.6791, 71.7870



71.1910, 64.0361, 64.7109



73.6583, 81.0596, 106.3716



18.1129, 18.0285, 19.2115



21.7439, 11.1868, 2.0357



2.1470, 1.1012, 0.3555

Previews

White Background



This preview shows how the XYZ color 74.9550, 69.6761, 71.7856 looks on a white background.

Color Contrast Check

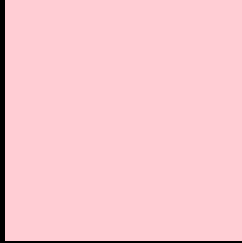
Large Text (above 18pt) WCAG AA × Fail

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 74.9550, 69.6761, 71.7856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

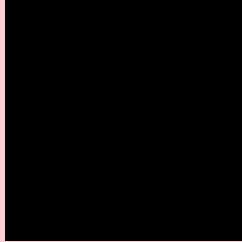
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9550, 69.6761, 71.7856

Background



This preview shows how black text looks on a background with the XYZ color 74.9550, 69.6761, 71.7856.



This preview shows how white text looks on a background with the XYZ color 74.9550, 69.6761,

71.7856.

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

74.9550, 69.6761, 71.7856

Protanopia

67.4178, 70.1123, 76.9976

Deuteranopia

71.0801, 69.4971, 71.2960



Tritanopia

75.7511, 69.6130, 77.1543

Trichromacy



Original Color

74.9550, 69.6761, 71.7856

Protanomaly

69.7932, 69.8700, 74.7735

Deuteranomaly

72.3198, 69.4077, 71.2134

Tritanomaly

75.3573, 69.4555, 75.0801

Monochromacy



Original Color

74.9550, 69.6761, 71.7856

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5596, 70.9865, 76.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9550, 69.6761, 71.7856 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, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 212)  
}
```

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, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.9550, 69.6761, 71.7856 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, 205, 212) }
```


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

```
.border{ border-color:rgb(255, 205, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9550, 69.6761, 71.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 212) }
```

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

```
.background{ background-color: rgb(255,  
205, 212) }
```

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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