

Converting Colors

XYZ(74.6745, 69.1847, 71.4777)

Have a look what the booklet for
XYZ(74.6745, 69.1847, 71.4777)
contains.

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Color

**XYZ(74.7165, 69.1992,
71.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD4
RGB	255, 204, 212
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.2000, 0.1686
CMYK	0.00, 0.20, 0.17, 0.00
HSL	351°, 100%, 90%
HSV	351°, 20%, 100%
XYZ	74.7165, 69.1992, 71.7061
YIQ	220.1610, 27.8280, 13.3000

Conversions

Conversions Part 2

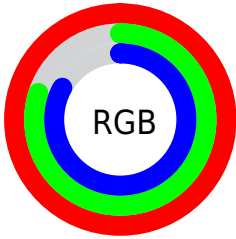
Format	Color
R _Y B	255, 204, 212
Decimal	16764116
CIE Lab	86.60, 19.20, 2.90
CIE LCh	87, 19.420, 8.576
Yxy	69.1992, 0.3465, 0.3209
Android (android.graphics.Color)	4294954196 (0xFFFFCCD4)
YUV	220.1610, -4.0234, 30.5538
Hunter-Lab	83.1861, 14.7505, 7.1225

Details

The XYZ color **74.7165, 69.1992, 71.7061** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4528, 91.0739, 101.4964**, and the grayscale version is **68.1550, 71.7043, 78.0860**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2809, 36.2528, 36.7727** is the 20% darker color. If you saturate the color by 10%, you get **66.6103, 57.0422, 56.5014**, and if you desaturate by 10%, it is **84.1796, 83.4912, 89.1469**.

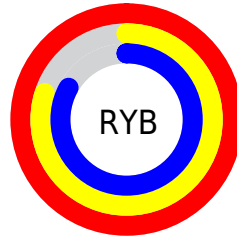
Distribution



Red (100%)

Green (80%)

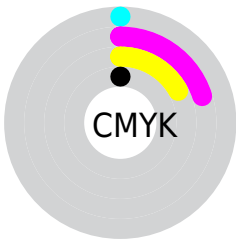
Blue (83%)



Red (100%)

Yellow (80%)

Blue (83%)

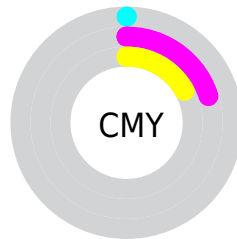


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7165, 69.1992, 71.7061 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 74.7165, 69.1992, 71.7061 by changing the saturation by 10% instead.


 74.7165, 69.1992,
71.7061

 74.7165, 69.1992,
71.7061


465.9548,
457.7332, 485.4680

 55.6740, 50.8740,
52.4333


124.9010,
118.0660, 123.3424

 40.1776, 36.1083,
36.9659


156.7738,
149.3764, 156.5430

 27.8619, 24.5179,
24.8855


193.6540,
185.7840, 195.2232

 18.3615, 15.7182,
15.7735

235.9071,
227.6731, 239.8016

 11.3111, 9.3250,
9.2114

283.8984,
275.4282, 290.6968

 6.3453, 4.9538,
4.7807

337.9932,

 3.0988, 2.2202,

329.4337, 348.3272

2.0627

398.5568,
390.0739, 413.1114

■ 1.2062, 0.7309,
0.5934

■ 0.1113, 0.0000,
0.0000

■ 74.7165, 69.1992,
71.7061

■ 74.7165, 69.1992,
71.7061

■ 66.6103, 57.0422,
56.5014

■ 84.1796, 83.4912,
89.1469

■ 59.7934, 46.9090,
43.4377

95.0500, 100.0000,
108.9000

■ 54.2004, 38.6920,
32.4197

■ 49.7575, 32.2702,
23.3428

■ 46.3832, 27.5084,
16.0930

■ 43.9850, 24.2526,
10.5445

■ 42.4541, 22.3193,
6.5546

■ 41.6228, 21.4132,
3.9456

■ 41.6227, 21.4131,
3.9451

Harmonies

Analogous

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



74.1715, 69.1992, 84.7780



74.7165, 69.1992, 71.7061



72.7805, 69.1992, 60.9084

Triad

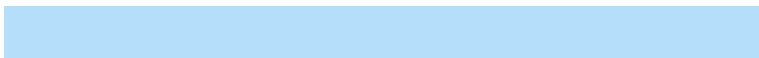
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7165, 69.1992, 71.7061



60.5157, 69.1992, 57.5645



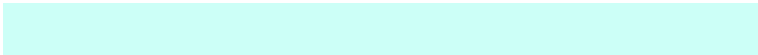
62.6575, 69.1992, 100.8863

Complementary

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



74.7165, 69.1992, 71.7061



77.4528, 91.0739, 101.4964

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.



59.2281, 69.1992, 91.9022



74.7165, 69.1992, 71.7061



58.0314, 69.1992, 66.6412

Square

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



74.7165, 69.1992, 71.7061



64.4882, 69.1992, 53.3769



57.5710, 69.1992, 79.1074



67.0723, 69.1992, 102.6422

Rectangle

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



74.7165, 69.1992, 71.7061



70.3932, 69.1992, 56.0934



57.5710, 69.1992, 79.1074



61.3572, 69.1992, 98.5660

Sweetspot

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



74.7182, 69.2022, 71.7075



88.3537, 89.8204, 96.7626



77.8264, 70.0922, 104.0350



18.7620, 18.9987, 20.4394



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

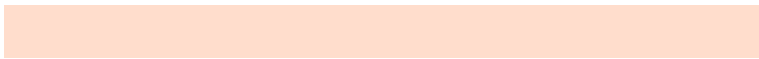
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7182, 69.2022, 71.7075



71.3140, 64.0853, 65.3583



77.9974, 77.3350, 67.9469



18.1255, 18.0335, 19.2779



21.7829, 11.2025, 2.2415



2.1529, 1.1035, 0.3866

Inverse Universe

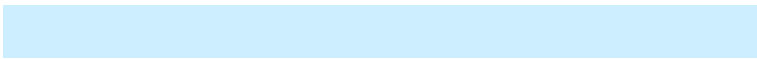
The Inverse Universe completely reimagines the original color for something new.



74.7182, 69.2022, 71.7075



71.3140, 64.0853, 65.3583



73.5287, 81.2085, 106.4072



18.1255, 18.0335, 19.2779



21.7829, 11.2025, 2.2415



2.1529, 1.1035, 0.3866

Previews

White Background



This preview shows how the XYZ color 74.7165, 69.1992, 71.7061 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 74.7165, 69.1992, 71.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

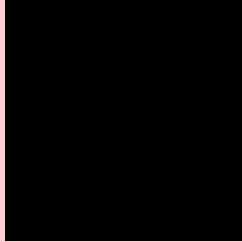
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7165, 69.1992, 71.7061

Background



This preview shows how black text looks on a background with the XYZ color 74.7165, 69.1992, 71.7061.



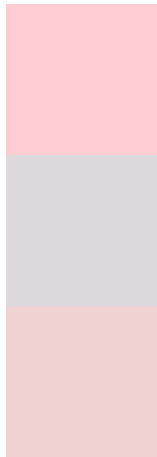
This preview shows how white text looks on a background with the XYZ color 74.7165, 69.1992,

71.7061.

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

74.7165, 69.1992, 71.7061

Protanopia

66.8572, 69.4419, 76.8977

Deuteranopia

70.7396, 69.3216, 71.2800



Tritanopia

75.3821, 69.0863, 76.3798

Trichromacy



Original Color

74.7165, 69.1992, 71.7061

Protanomaly

69.5424, 69.3685, 74.6899

Deuteranomaly

71.9699, 69.2274, 71.1970

Tritanomaly

74.9906, 68.9297, 74.3181

Monochromacy



Original Color

74.7165, 69.1992, 71.7061

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1752, 70.4265, 75.5407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7165, 69.1992, 71.7061 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, 212) looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.7165, 69.1992, 71.7061 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, 212) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7165, 69.1992, 71.7061 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, 212) }
```

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

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