

Converting Colors

XYZ(74.4316, 68.9993, 71.5627)

Have a look what the booklet for
XYZ(74.4316, 68.9993, 71.5627)
contains.

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Color

**XYZ(74.3496, 69.0100,
71.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	FECDD4
RGB	254, 204, 212
RGB Percent	100%, 80%, 83%
CMY	0.0039, 0.2000, 0.1686
CMYK	0.00, 0.20, 0.17, 0.00
HSL	350°, 96%, 90%
HSV	350°, 20%, 100%
XYZ	74.3496, 69.0100, 71.6890
YIQ	219.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

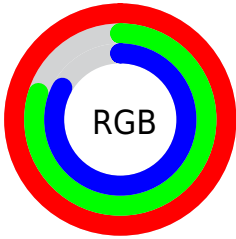
Format	Color
RYB	254, 204, 212
Decimal	16698580
CIELab	86.51, 18.85, 2.75
CIELCh	87, 19.049, 8.296
Yxy	69.0100, 0.3457, 0.3209
Android (android.graphics.Color)	4294888660 (0xFFFECCD4)
YUV	219.8620, -3.8760, 29.9390
Hunter-Lab	83.0723, 14.3809, 6.9850

Details

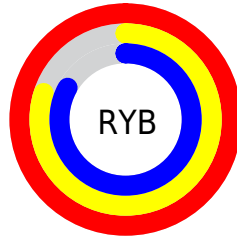
The XYZ color **74.3496, 69.0100, 71.6890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9810, 90.3766, 100.5802**, and the grayscale version is **67.9458, 71.4842, 77.8463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0181, 36.1173, 36.7604** is the 20% darker color. If you saturate the color by 10%, you get **66.2816, 56.9002, 56.5857**, and if you desaturate by 10%, it is **83.7617, 83.2372, 88.9969**.

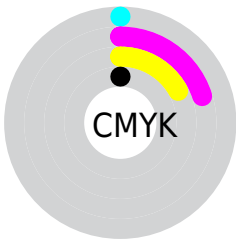
Distribution



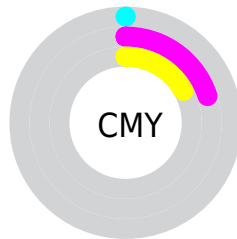
- Red (100%)
- Green (80%)
- Blue (83%)



- 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 74.3496, 69.0100, 71.6890 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 74.3496, 69.0100, 71.6890 by changing the saturation by 10% instead.


 74.3496, 69.0100,
71.6890

 74.3496, 69.0100,
71.6890


464.7108,
457.0662, 485.4068

 55.3725, 50.7199,
52.4194

124.3841,
117.7959, 123.3179

 39.9351, 35.9857,
36.9549


156.1722,
149.0604, 156.5142

 27.6719, 24.4232,
24.8771


192.9614,
185.4184, 195.1899

 18.2177, 15.6478,
15.7673

235.1170,
227.2545, 239.7634

 11.2070, 9.2753,
9.2071

283.0044,
274.9529, 290.6533

 6.2746, 4.9212,
4.7778

336.9889,

 3.0550, 2.2011,

328.8981, 348.2781

2.0611

397.4359,
389.4744, 413.0565

■ 1.1829, 0.7206,
0.5924

■ 0.0928, 0.0000,
0.0000

■ 74.3496, 69.0100,
71.6890

■ 74.3496, 69.0100,
71.6890

■ 66.2816, 56.9002,
56.5857

■ 83.7617, 83.2372,
88.9969

■ 59.4904, 46.7977,
43.5939

94.5697, 99.6666,
108.5889

■ 53.9115, 38.5964,
32.6202

94.6834, 99.8110,
108.8828

■ 49.4727, 32.1769,
23.5624

■ 46.0935, 27.4059,
16.3092

■ 43.6830, 24.1316,
10.7376

■ 42.1344, 22.1737,
6.7087

■ 41.2876, 21.2507,
4.0509

■ 41.2670, 21.2285,
3.9858

Harmonies

Analogous

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



73.7937, 69.0100, 84.4878



74.3496, 69.0100, 71.6890



72.4776, 69.0100, 61.0671

Triad

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



74.3496, 69.0100, 71.6890



60.4739, 69.0100, 57.6400



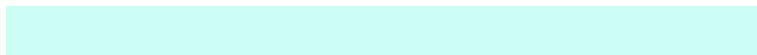
62.5045, 69.0100, 100.0489

Complementary

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



74.3496, 69.0100, 71.6890



76.9810, 90.3766, 100.5802

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.



59.1568, 69.0100, 91.2245



74.3496, 69.0100, 71.6890



58.0216, 69.0100, 66.5087

Square

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



74.3496, 69.0100, 71.6890



64.3756, 69.0100, 53.5719



57.5505, 69.0100, 78.7003



66.8235, 69.0100, 101.8364

Rectangle

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



74.3496, 69.0100, 71.6890



70.1519, 69.0100, 56.3077



57.5505, 69.0100, 78.7003



61.2339, 69.0100, 97.7632

Sweetspot

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



74.3515, 69.0131, 71.6904



88.3609, 89.8233, 96.8006



77.3737, 69.8773, 103.1763



18.7637, 18.9993, 20.4483



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

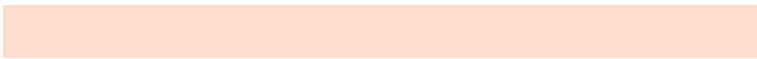
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3515, 69.0131, 71.6904



71.3370, 64.0945, 65.4793



77.5428, 76.9702, 67.9003



18.1278, 18.0344, 19.2902



21.7907, 11.2056, 2.2823



2.1540, 1.1040, 0.3923

Inverse Universe

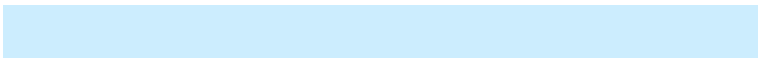
The Inverse Universe completely reimagines the original color for something new.



74.3515, 69.0131, 71.6904



71.3370, 64.0945, 65.4793



73.1746, 80.7571, 105.4977



18.1278, 18.0344, 19.2902



21.7907, 11.2056, 2.2823



2.1540, 1.1040, 0.3923

Previews

White Background



This preview shows how the XYZ color 74.3496, 69.0100, 71.6890 looks on a white background.

Color Contrast Check

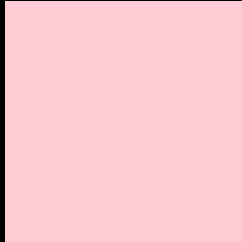
Large Text (above 18pt) WCAG AA × Fail

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 74.3496, 69.0100, 71.6890 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 74.3496, 69.0100, 71.6890

Background



This preview shows how black text looks on a background with the XYZ color 74.3496, 69.0100, 71.6890.



This preview shows how white text looks on a background with the XYZ color 74.3496, 69.0100,

71.6890.

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

74.3496, 69.0100, 71.6890

Protanopia

66.8572, 69.4419, 76.8977

Deuteranopia

70.7396, 69.3216, 71.2800



Tritanopia

75.3821, 69.0863, 76.3798

Trichromacy



Original Color

74.3496, 69.0100, 71.6890

Protanomaly

69.2169, 69.2006, 74.6747

Deuteranomaly

71.9699, 69.2274, 71.1970

Tritanomaly

74.9906, 68.9297, 74.3181

Monochromacy



Original Color

74.3496, 69.0100, 71.6890

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.8497, 70.2587, 75.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3496, 69.0100, 71.6890 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(254, 204, 212) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.3496, 69.0100, 71.6890 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(254, 204, 212) }
```


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

```
.border{ border-color:rgb(254, 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(254, 204, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3496, 69.0100, 71.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 212) }
```

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

```
.background{ background-color: rgb(254,  
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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