

Converting Colors

XYZ(74.2082, 69.2614, 71.7825)

Have a look what the booklet for
XYZ(74.2082, 69.2614, 71.7825)
contains.

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Color

**XYZ(74.2230, 69.2988,
71.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCDD4
RGB	253, 205, 212
RGB Percent	99%, 80%, 83%
CMY	0.0078, 0.1961, 0.1686
CMYK	0.00, 0.19, 0.16, 0.01
HSL	351°, 92%, 90%
HSV	351°, 19%, 99%
XYZ	74.2230, 69.2988, 71.7514
YIQ	220.1500, 26.3610, 12.3530

Conversions

Conversions Part 2

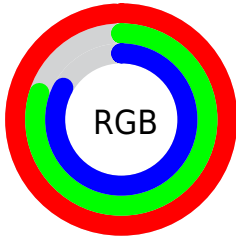
Format	Color
R _Y B	253, 205, 212
Decimal	16633300
CIE Lab	86.65, 17.97, 2.94
CIE LCh	87, 18.212, 9.303
Yxy	69.2988, 0.3448, 0.3219
Android (android.graphics.Color)	4294823380 (0xFFFDCCDD4)
YUV	220.1500, -4.0179, 28.8095
Hunter-Lab	83.2459, 13.4723, 7.1688

Details

The XYZ color **74.2230, 69.2988, 71.7514** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9394, 89.8852, 100.4876**, and the grayscale version is **68.1481, 71.6972, 78.0782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9174, 36.3033, 36.8017** is the 20% darker color. If you saturate the color by 10%, you get **66.1071, 57.1415, 56.4835**, and if you desaturate by 10%, it is **83.6863, 83.5654, 89.2705**.

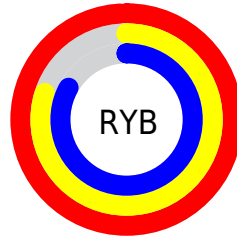
Distribution



Red (99%)

Green (80%)

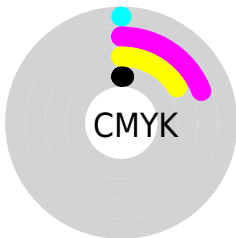
Blue (83%)



Red (99%)

Yellow (80%)

Blue (83%)

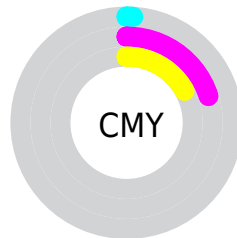


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2230, 69.2988, 71.7514 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 74.2230, 69.2988, 71.7514 by changing the saturation by 10% instead.


 74.2230, 69.2988,
71.7514

 74.2230, 69.2988,
71.7514

464.2811,
458.0841, 485.6301

 55.2685, 50.9551,
52.4700


124.2057,
118.2083, 123.4075

 39.8514, 36.1729,
36.9950


155.9646,
149.5428, 156.6192

 27.6064, 24.5677,
24.9079


192.7223,
185.9764, 195.3115

 18.1681, 15.7553,
15.7901

234.8442,
227.8934, 239.9029

 11.1712, 9.3512,
9.2230

282.6957,
275.6783, 290.8119

 6.2502, 4.9709,
4.7881

336.6421,

 3.0399, 2.2302,

329.7155, 348.4571

2.0669

397.0488,
390.3893, 413.2570

■ 1.1749, 0.7364,
0.5960

■ 0.0864, 0.0000,
0.0000

■ 74.2230, 69.2988,
71.7514

■ 74.2230, 69.2988,
71.7514

■ 66.1071, 57.1415,
56.4835

■ 83.6863, 83.5654,
89.2705

■ 59.2715, 46.9844,
43.3711

94.3183, 99.6228,
108.8658

■ 53.6518, 38.7230,
32.3177

■ 49.1761, 32.2392,
23.2181

■ 45.7643, 27.4019,
15.9574

■ 43.3262, 24.0620,
10.4087

■ 41.7559, 22.0427,
6.4284

■ 40.9044, 21.0865,
3.8424

■ 40.8402, 21.0156,
3.6439

Harmonies

Analogous

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



73.7714, 69.2988, 83.9897



74.2230, 69.2988, 71.7514



72.3624, 69.2988, 61.6412

Triad

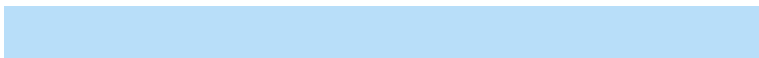
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2230, 69.2988, 71.7514



60.8478, 69.2988, 58.8277



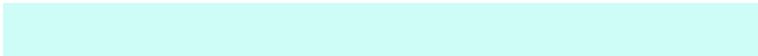
63.0336, 69.2988, 99.4088

Complementary

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



74.2230, 69.2988, 71.7514



76.9394, 89.8852, 100.4876

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.



59.7713, 69.2988, 91.1913



74.2230, 69.2988, 71.7514



58.5474, 69.2988, 67.5182

Square

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



74.2230, 69.2988, 71.7514



64.5604, 69.2988, 54.7235



58.1619, 69.2988, 79.2831



67.1900, 69.2988, 100.8541

Rectangle

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



74.2230, 69.2988, 71.7514



70.1062, 69.2988, 57.1456



58.1619, 69.2988, 79.2831



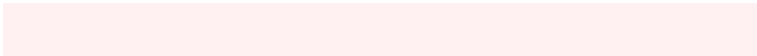
61.8011, 69.2988, 97.3080

Sweetspot

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



74.2249, 69.3019, 71.7528



88.3283, 89.8103, 96.6290



77.4990, 70.3145, 102.4165



18.7560, 18.9963, 20.4079



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

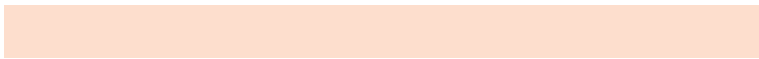
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2249, 69.3019, 71.7528



72.0661, 65.3008, 66.4993



77.5978, 77.4295, 68.6171



18.1172, 18.0302, 19.2344



21.7569, 11.1921, 2.1043



2.1490, 1.1020, 0.3663

Inverse Universe

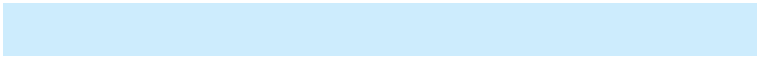
The Inverse Universe completely reimagines the original color for something new.



74.2249, 69.3019, 71.7528



72.0661, 65.3008, 66.4993



72.9621, 80.1796, 104.5598



18.1172, 18.0302, 19.2344



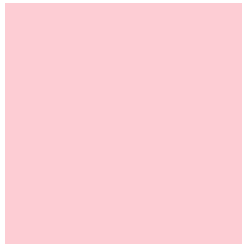
21.7569, 11.1921, 2.1043



2.1490, 1.1020, 0.3663

Previews

White Background



This preview shows how the XYZ color 74.2230, 69.2988, 71.7514 looks on a white background.

Color Contrast Check

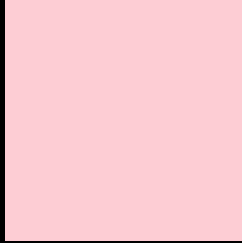
Large Text (above 18pt) WCAG AA × Fail

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 74.2230, 69.2988, 71.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

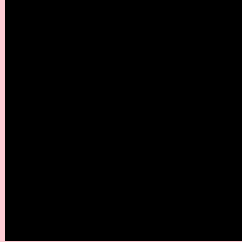
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2230, 69.2988, 71.7514

Background



This preview shows how black text looks on a background with the XYZ color 74.2230, 69.2988, 71.7514.



This preview shows how white text looks on a background with the XYZ color 74.2230, 69.2988,

71.7514.

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

74.2230, 69.2988, 71.7514

Protanopia

67.0295, 69.5458, 76.2205

Deuteranopia

70.7396, 69.3216, 71.2800



Tritanopia

75.3842, 69.4239, 77.1371

Trichromacy



Original Color

74.2230, 69.2988, 71.7514

Protanomaly

69.5424, 69.3685, 74.6899

Deuteranomaly

71.9699, 69.2274, 71.1970

Tritanomaly

74.9903, 69.2663, 75.0630

Monochromacy



Original Color

74.2230, 69.2988, 71.7514

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.1035, 70.7664, 75.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2230, 69.2988, 71.7514 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(253, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 205, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.2230, 69.2988, 71.7514 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(253, 205, 212) }
```


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

```
.border{ border-color:rgb(253, 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(253, 205, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(253, 205,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2230, 69.2988, 71.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 205, 212) }
```

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

```
.background{ background-color: rgb(253,  
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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