

Converting Colors

XYZ(74.8394, 69.6139, 73.1484)

Have a look what the booklet for
XYZ(74.8394, 69.6139, 73.1484)
contains.

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Color

**XYZ(74.8420, 69.5885,
73.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	FECDD6
RGB	254, 205, 214
RGB Percent	100%, 80%, 84%
CMY	0.0039, 0.1961, 0.1608
CMYK	0.00, 0.19, 0.16, 0.00
HSL	349°, 96%, 90%
HSV	349°, 19%, 100%
XYZ	74.8420, 69.5885, 73.1057
YIQ	220.6770, 26.3150, 13.1870

Conversions

Conversions Part 2

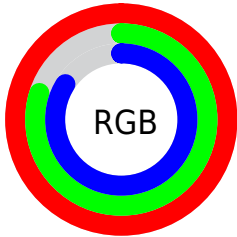
Format	Color
RYB	254, 205, 214
Decimal	16698838
CIELab	86.79, 18.63, 2.10
CIElCh	87, 18.751, 6.437
Yxy	69.5885, 0.3440, 0.3199
Android (android.graphics.Color)	4294888918 (0xFFFECD6)
YUV	220.6770, -3.2918, 29.2243
Hunter-Lab	83.4197, 14.1610, 6.4344

Details

The XYZ color **74.8420, 69.5885, 73.1057** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1029, 90.4571, 99.7868**, and the grayscale version is **68.5118, 72.0798, 78.4949**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3506, 36.5067, 37.7207** is the 20% darker color. If you saturate the color by 10%, you get **66.7704, 57.4167, 58.1705**, and if you desaturate by 10%, it is **84.2409, 83.8740, 90.1484**.

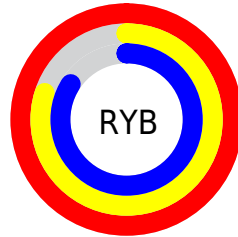
Distribution



Red (100%)

Green (80%)

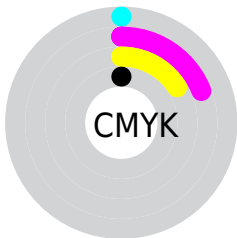
Blue (84%)



Red (100%)

Yellow (80%)

Blue (84%)

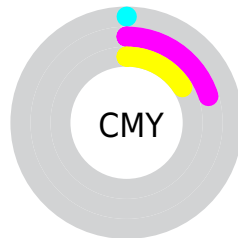


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8420, 69.5885, 73.1057 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 74.8420, 69.5885, 73.1057 by changing the saturation by 10% instead.


 74.8420, 69.5885,
73.1057

 74.8420, 69.5885,
73.1057


466.3799,
459.1038, 490.4617

 55.7772, 51.1911,
53.5700


125.0778,
118.6217, 125.3496

 40.2606, 36.3607,
37.8672

156.9795,
150.0264, 158.8949

 27.9269, 24.7129,
25.5786


193.8908,
186.5356, 197.9471

 18.4107, 15.8633,
16.2857

236.1772,
228.5338, 242.9249

 11.3467, 9.4275,
9.5700

284.2039,
276.4053, 294.2466

 6.3696, 5.0210,
5.0130

338.3363,

 3.1139, 2.2596,

330.5345, 352.3310

2.1960

398.9399,
391.3059, 417.5965

■ 1.2143, 0.7522,
0.6721

■ 0.1176, 0.0000,
0.0000

■ 74.8420, 69.5885,
73.1057

■ 74.8420, 69.5885,
73.1057

■ 66.7704, 57.4167,
58.1705

■ 84.2409, 83.8740,
90.1484

■ 59.9602, 47.2491,
45.2560

94.6834, 99.8110,
108.8828

■ 54.3485, 38.9806,
34.2759

■ 49.8645, 32.4926,
25.1358

■ 46.4300, 27.6533,
17.7334

■ 43.9563, 24.3125,
11.9558

■ 42.3394, 22.2921,
7.6763

■ 41.4287, 21.3245,
4.7406

■ 41.3791, 21.2733,
4.5761

Harmonies

Analogous

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



74.1414, 69.5885, 85.7963



74.8420, 69.5885, 73.1057



73.1301, 69.5885, 62.3650

Triad

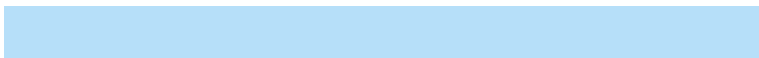
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8420, 69.5885, 73.1057



61.2786, 69.5885, 58.0222



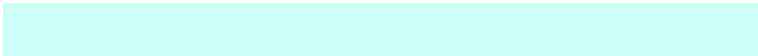
62.8414, 69.5885, 100.0211

Complementary

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



74.8420, 69.5885, 73.1057



77.1029, 90.4571, 99.7868

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.



59.6134, 69.5885, 90.9703



74.8420, 69.5885, 73.1057



58.7393, 69.5885, 66.5570

Square

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



74.8420, 69.5885, 73.1057



65.2048, 69.5885, 54.2967



58.1434, 69.5885, 78.4984



67.0877, 69.5885, 102.2682

Rectangle

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



74.8420, 69.5885, 73.1057



70.8937, 69.5885, 57.4451



58.1434, 69.5885, 78.4984



61.6071, 69.5885, 97.6285

Sweetspot

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



74.8439, 69.5916, 73.1072



88.4154, 89.8451, 97.0877



77.1007, 70.0906, 103.2319



18.7766, 19.0045, 20.5160



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

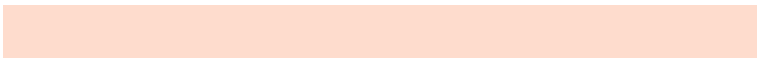
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8439, 69.5916, 73.1072



72.3359, 65.4087, 67.9199



77.4093, 76.5105, 68.4495



18.1456, 18.0415, 19.3836



21.8539, 11.2308, 2.6149



2.1627, 1.1075, 0.4382

Inverse Universe

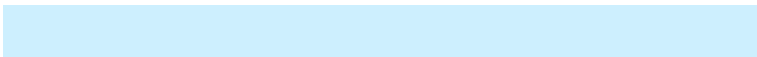
The Inverse Universe completely reimagines the original color for something new.



74.8439, 69.5916, 73.1072



72.3359, 65.4087, 67.9199



74.0232, 82.0461, 105.7018



18.1456, 18.0415, 19.3836



21.8539, 11.2308, 2.6149



2.1627, 1.1075, 0.4382

Previews

White Background



This preview shows how the XYZ color 74.8420, 69.5885, 73.1057 looks on a white background.

Color Contrast Check

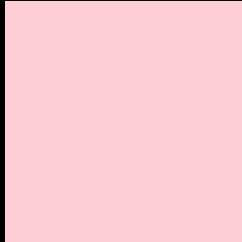
Large Text (above 18pt) WCAG AA × Fail

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 74.8420, 69.5885, 73.1057 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 74.8420, 69.5885, 73.1057

Background



This preview shows how black text looks on a background with the XYZ color 74.8420, 69.5885, 73.1057.

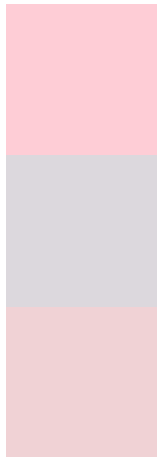


This preview shows how white text looks on a background with the XYZ color 74.8420, 69.5885,

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

74.8420, 69.5885, 73.1057

Protanopia

67.1222, 69.5478, 78.2930

Deuteranopia

70.9920, 69.4225, 72.6090



Tritanopia

75.7511, 69.6130, 77.1543

Trichromacy



Original Color

74.8420, 69.5885, 73.1057

Protanomaly

69.4771, 69.3047, 76.0450

Deuteranomaly

72.2223, 69.3283, 72.5260

Tritanomaly

75.4878, 69.5077, 75.7674

Monochromacy



Original Color

74.8420, 69.5885, 73.1057

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 74.8420, 69.5885, 73.1057 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, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 214)  
}
```

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, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.8420, 69.5885, 73.1057 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, 205, 214) }
```


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

```
.border{ border-color:rgb(254, 205, 214) }
```

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

Here you see how a box with a 4 pixel rgb(254, 205, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8420, 69.5885, 73.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 214) }
```

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

```
.background{ background-color: rgb(254,  
205, 214) }
```

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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