

Converting Colors

XYZ(84.5800, 74.1641, 74.7065)

Have a look what the booklet for
XYZ(84.5800, 74.1641, 74.7065)
contains.

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Color

**XYZ(75.2275, 69.4036,
74.3971)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD8
RGB	255, 204, 216
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.2000, 0.1529
CMYK	0.00, 0.20, 0.15, 0.00
HSL	346°, 100%, 90%
HSV	346°, 20%, 100%
XYZ	75.2275, 69.4036, 74.3971
YIQ	220.6170, 26.5440, 14.5440

Conversions

Conversions Part 2

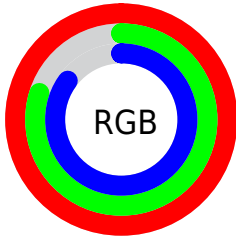
Format	Color
R _Y B	255, 204, 216
Decimal	16764120
CIE Lab	86.70, 19.82, 0.92
CIE LCh	87, 19.838, 2.658
Yxy	69.4036, 0.3435, 0.3169
Android (android.graphics.Color)	4294954200 (0xFFFFCCD8)
YUV	220.6170, -2.2762, 30.1539
Hunter-Lab	83.3088, 15.3943, 5.3686

Details

The XYZ color **75.2275, 69.4036, 74.3971** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8419, 90.8296, 98.2796**, and the grayscale version is **68.4627, 72.0280, 78.4385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6281, 36.3917, 38.6012** is the 20% darker color. If you saturate the color by 10%, you get **67.2821, 57.3109, 60.0393**, and if you desaturate by 10%, it is **84.4678, 83.6064, 90.6646**.

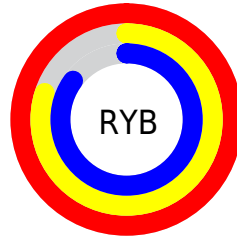
Distribution



Red (100%)

Green (80%)

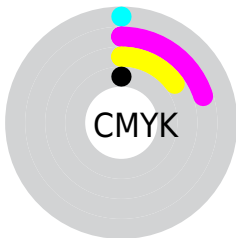
Blue (85%)



Red (100%)

Yellow (80%)

Blue (85%)

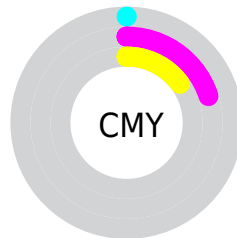


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2275, 69.4036, 74.3971 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 75.2275, 69.4036, 74.3971 by changing the saturation by 10% instead.


 75.2275, 69.4036,
74.3971

 75.2275, 69.4036,
74.3971


467.6843,
458.4532, 495.0428

 56.0941, 51.0405,
54.6204


125.6205,
118.3579, 127.1978

 40.5157, 36.2408,
38.7013

157.6109,
149.7178, 161.0588

 28.1268, 24.6202,
26.2214


194.6176,
186.1787, 200.4517

 18.5622, 15.7944,
16.7621

237.0061,
228.1251, 245.7950

 11.4565, 9.3787,
9.9049

285.1416,
275.9414, 297.5072

 6.4443, 4.9890,
5.2311

339.3896,

 3.1603, 2.2408,

330.0119, 356.0069

2.3224

400.1154,
390.7210, 421.7126

■ 1.2391, 0.7421,
0.7437

■ 0.1369, 0.0000,
0.0000

■ 75.2275, 69.4036,
74.3971

■ 75.2275, 69.4036,
74.3971

■ 67.2821, 57.3109,
60.0393

■ 84.4678, 83.6064,
90.6646

■ 60.5679, 47.2187,
47.5159

95.0500, 100.0000,
108.9000

■ 55.0232, 39.0211,
36.7528

■ 50.5791, 32.5988,
27.6692

■ 47.1589, 27.8187,
20.1776

■ 44.6758, 24.5289,
14.1822

■ 43.0277, 22.5488,
9.5755

■ 42.0554, 21.5863,
6.2234

■ 42.0552, 21.5861,
6.2227

Harmonies

Analogous

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



74.1615, 69.4036, 87.8451



75.2275, 69.4036, 74.3971



73.7178, 69.4036, 62.6750

Triad

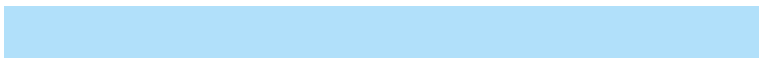
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2275, 69.4036, 74.3971



61.2952, 69.4036, 56.1388



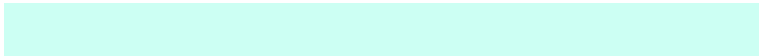
61.9760, 69.4036, 100.4496

Complementary

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



75.2275, 69.4036, 74.3971



76.8419, 90.8296, 98.2796

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.



58.7777, 69.4036, 90.1197



75.2275, 69.4036, 74.3971



58.3978, 69.4036, 64.4930

Square

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



75.2275, 69.4036, 74.3971



65.5557, 69.4036, 52.9308



57.4977, 69.4036, 76.7526



66.3781, 69.4036, 103.8855

Rectangle

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



75.2275, 69.4036, 74.3971



71.4930, 69.4036, 57.1212



57.4977, 69.4036, 76.7526



60.7315, 69.4036, 97.6133

Sweetspot

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



75.2292, 69.4066, 74.3985



88.5347, 89.8928, 97.7157



76.3487, 69.3304, 103.9658



18.8047, 19.0157, 20.6639



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

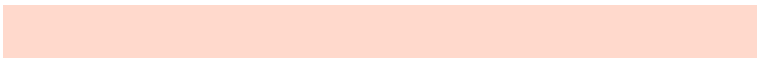
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2292, 69.4066, 74.3985



71.8966, 64.3183, 68.4264



76.8895, 75.1192, 67.5776



18.1844, 18.0571, 19.5884



22.0222, 11.2982, 3.5015



2.1843, 1.1161, 0.5521

Inverse Universe

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



75.2292, 69.4066, 74.3985



71.8966, 64.3183, 68.4264



74.7806, 83.7123, 106.8245



18.1844, 18.0571, 19.5884



22.0222, 11.2982, 3.5015



2.1843, 1.1161, 0.5521

Previews

White Background



This preview shows how the XYZ color 75.2275, 69.4036, 74.3971 looks on a white background.

Color Contrast Check

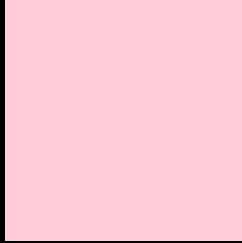
Large Text (above 18pt) WCAG AA × Fail

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 75.2275, 69.4036, 74.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

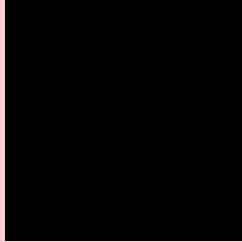
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2275, 69.4036, 74.3971

Background



This preview shows how black text looks on a background with the XYZ color 75.2275, 69.4036, 74.3971.



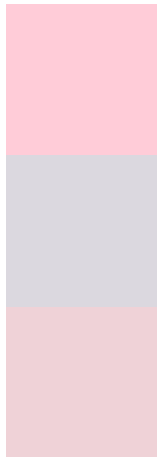
This preview shows how white text looks on a background with the XYZ color 75.2275, 69.4036,

74.3971.

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

75.2275, 69.4036, 74.3971

Protanopia

67.0886, 69.4995, 79.6908

Deuteranopia

70.9089, 69.3502, 73.9386



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

75.2275, 69.4036, 74.3971

Protanomaly

69.7405, 69.4101, 77.4319

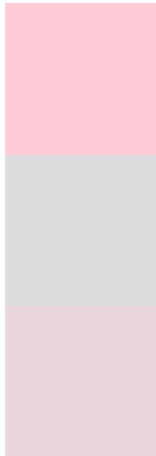
Deuteranomaly

72.4778, 69.4305, 73.8714

Tritanomaly

75.4878, 69.5077, 75.7674

Monochromacy



Original Color

75.2275, 69.4036, 74.3971

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6909, 71.0390, 77.0039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2275, 69.4036, 74.3971 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.2275, 69.4036, 74.3971 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, 216) }
```


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

```
.border{ border-color:rgb(255, 204, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2275, 69.4036, 74.3971 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
204, 216) }
```

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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