

Converting Colors

XYZ(74.3784, 69.4979, 79.6342)

Have a look what the booklet for
XYZ(74.3784, 69.4979, 79.6342)
contains.

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Color

**XYZ(74.4575, 69.6101,
79.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CEDF
RGB	249, 206, 223
RGB Percent	98%, 81%, 87%
CMY	0.0235, 0.1921, 0.1255
CMYK	0.00, 0.17, 0.10, 0.02
HSL	336°, 78%, 89%
HSV	336°, 17%, 98%
XYZ	74.4575, 69.6101, 79.3238
YIQ	220.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

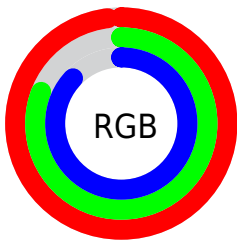
Format	Color
R _Y B	249, 206, 223
Decimal	16371423
CIE Lab	86.81, 17.80, -2.71
CIE LCh	87, 18.000, 351.340
Yxy	69.6101, 0.3333, 0.3116
Android (android.graphics.Color)	4294561503 (0xFFFF9CEDF)
YUV	220.7950, 1.0871, 24.7358
Hunter-Lab	83.4327, 13.2909, 2.0328

Details

The XYZ color **74.4575, 69.6101, 79.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8975, 86.7011, 89.1883**, and the grayscale version is **68.5679, 72.1387, 78.5591**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0343, 36.4901, 41.9790** is the 20% darker color. If you saturate the color by 10%, you get **66.9910, 57.7821, 67.2606**, and if you desaturate by 10%, it is **83.0582, 83.4157, 92.6574**.

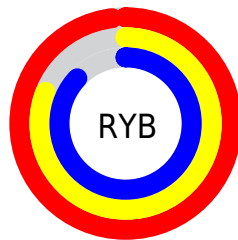
Distribution



Red (98%)

Green (81%)

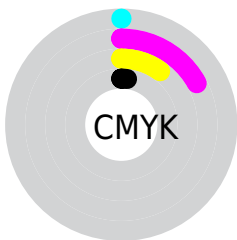
Blue (87%)



Red (98%)

Yellow (81%)

Blue (87%)

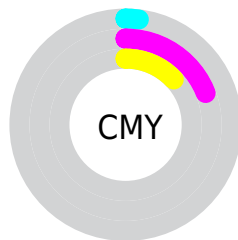


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4575, 69.6101, 79.3238 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 74.4575, 69.6101, 79.3238 by changing the saturation by 10% instead.

74.4575, 69.6101,
79.3238

74.4575, 69.6101,
79.3238

465.0768,
459.1798, 512.2976

55.4612, 51.2087,
58.6392

124.5362,
118.6526, 134.2174

40.0064, 36.3748,
41.9046

156.3492,
150.0624, 169.2635

27.7277, 24.7238,
28.7016

193.1652,
186.5773, 209.9338

18.2599, 15.8714,
18.6116

235.3495,
228.5815, 256.6468

11.2376, 9.4332,
11.2160

283.2674,
276.4595, 309.8212

6.2953, 5.0248,
6.0963

337.2844,

3.0678, 2.2618,

330.5956, 369.8754

2.8340

397.7657,
391.3742, 437.2281

■ 1.1897, 0.7534,
1.0105

■ 0.0982, 0.0000,
0.0000

■ 74.4575, 69.6101,
79.3238

■ 74.4575, 69.6101,
79.3238

■ 66.9910, 57.7821,
67.2606

■ 83.0582, 83.4157,
92.6574

■ 60.6033, 47.8312,
56.4240

■ 92.5754, 98.7592,
107.2087

■ 55.2434, 39.6623,
46.7736

■ 92.8773, 98.8799,
108.7983

■ 50.8536, 33.1680,
38.2650

■ 47.3701, 28.2293,
30.8507

■ 44.7209, 24.7113,
24.4790

■ 42.8221, 22.4556,
19.0925

■ 41.5664, 21.2577,
14.6242

■ 41.2921, 21.0298,
13.5441

Harmonies

Analogous

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



72.6601, 69.6101, 91.1529



74.4575, 69.6101, 79.3238



73.9600, 69.6101, 67.6974

Triad

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



74.4575, 69.6101, 79.3238



63.2714, 69.6101, 56.2560



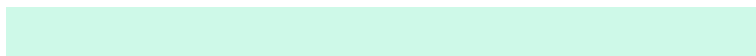
61.2523, 69.6101, 95.2923

Complementary

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



74.4575, 69.6101, 79.3238



73.8975, 86.7011, 89.1883

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.



58.9329, 69.6101, 84.5108



74.4575, 69.6101, 79.3238



60.0640, 69.6101, 62.2644

Square

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



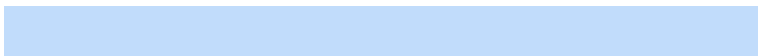
74.4575, 69.6101, 79.3238



67.3838, 69.6101, 55.1809



58.5073, 69.6101, 72.3697



64.9557, 69.6101, 100.9899

Rectangle

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



74.4575, 69.6101, 79.3238



72.4023, 69.6101, 61.5415



58.5073, 69.6101, 72.3697



60.2915, 69.6101, 92.0918

Sweetspot

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



74.4595, 69.6132, 79.3253



89.8999, 91.6465, 101.1818



72.3866, 68.1080, 98.9543



19.0928, 19.3743, 21.4309



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

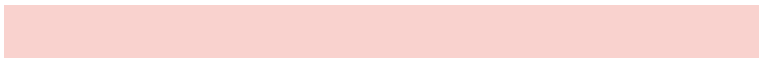
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4595, 69.6132, 79.3253



75.4995, 68.5505, 78.7944



73.3307, 70.8406, 68.2050



17.5288, 17.3389, 19.3742



22.1680, 11.2829, 7.5929



2.1037, 1.0652, 0.9694

Inverse Universe

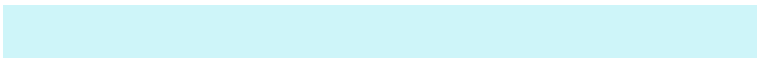
The Inverse Universe completely reimagines the original color for something new.



74.4595, 69.6132, 79.3253



75.4995, 68.5505, 78.7944



75.1165, 85.0866, 102.0876



17.5288, 17.3389, 19.3742



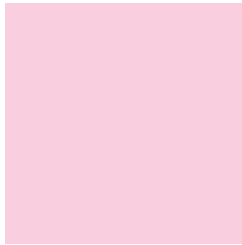
22.1680, 11.2829, 7.5929



2.1037, 1.0652, 0.9694

Previews

White Background



This preview shows how the XYZ color 74.4575, 69.6101, 79.3238 looks on a white background.

Color Contrast Check

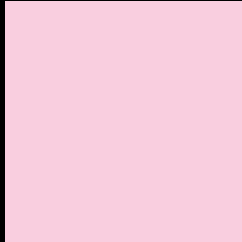
Large Text (above 18pt) WCAG AA × Fail

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 74.4575, 69.6101, 79.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

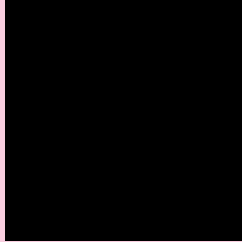
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4575, 69.6101, 79.3238

Background



This preview shows how black text looks on a background with the XYZ color 74.4575, 69.6101, 79.3238.



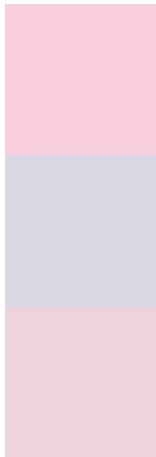
This preview shows how white text looks on a background with the XYZ color 74.4575, 69.6101,

79.3238.

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

74.4575, 69.6101, 79.3238

Protanopia

67.6122, 69.6743, 84.0137

Deuteranopia

71.0712, 69.6953, 78.8139



Tritanopia

74.3230, 69.5563, 78.6157

Trichromacy



Original Color

74.4575, 69.6101, 79.3238

Protanomaly

69.7217, 69.2910, 82.3728

Deuteranomaly

72.2609, 69.5756, 78.7281

Tritanomaly

74.3230, 69.5563, 78.6157

Monochromacy



Original Color

74.4575, 69.6101, 79.3238

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6957, 71.3746, 79.1579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4575, 69.6101, 79.3238 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(249, 206, 223) looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 223)  
}
```

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(249, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.4575, 69.6101, 79.3238 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(249, 206, 223) }
```


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

```
.border{ border-color:rgb(249, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4575, 69.6101, 79.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 206, 223) }
```

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

```
.background{ background-color: rgb(249,  
206, 223) }
```

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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