

Converting Colors

XYZ(73.9759, 70.0064, 79.1155)

Have a look what the booklet for
XYZ(73.9759, 70.0064, 79.1155)
contains.

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Color

**XYZ(74.2329, 70.2136,
79.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D0DF
RGB	247, 208, 223
RGB Percent	97%, 82%, 87%
CMY	0.0314, 0.1843, 0.1255
CMYK	0.00, 0.16, 0.10, 0.03
HSL	337°, 71%, 89%
HSV	337°, 16%, 97%
XYZ	74.2329, 70.2136, 79.4521
YIQ	221.3710, 18.4290, 12.9330

Conversions

Conversions Part 2

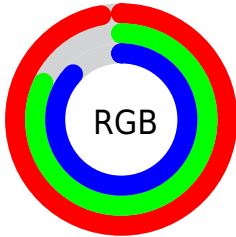
Format	Color
R _Y B	247, 208, 223
Decimal	16240863
CIE Lab	87.10, 16.05, -2.30
CIE LCh	87, 16.218, 351.859
Yxy	70.2136, 0.3315, 0.3136
Android (android.graphics.Color)	4294430943 (0xFFF7D0DF)
YUV	221.3710, 0.8031, 22.4766
Hunter-Lab	83.7936, 11.4948, 2.4374

Details

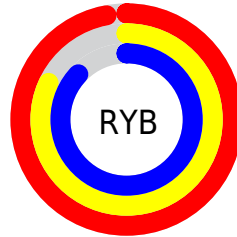
The XYZ color **74.2329, 70.2136, 79.4521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8414, 85.7594, 89.0094**, and the grayscale version is **68.9750, 72.5671, 79.0256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8587, 36.8855, 42.0646** is the 20% darker color. If you saturate the color by 10%, you get **66.7153, 58.3118, 67.2844**, and if you desaturate by 10%, it is **82.8763, 84.0708, 92.9047**.

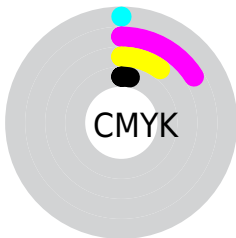
Distribution



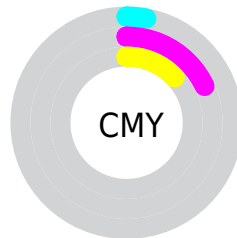
- Red (97%)
- Green (82%)
- Blue (87%)



- Red (97%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2329, 70.2136, 79.4521 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 74.2329, 70.2136, 79.4521 by changing the saturation by 10% instead.


 74.2329, 70.2136,
79.4521

 74.2329, 70.2136,
79.4521


464.3147,
461.2996, 512.7424

 55.2766, 51.7007,
58.7441


124.2196,
119.5133, 134.3996

 39.8580, 36.7666,
41.9885


155.9808,
151.0689, 169.4761

 27.6115, 25.0268,
28.7668


192.7410,
187.7408, 210.1792

 18.1720, 16.0970,
18.6604


234.8656,
229.9135, 256.9274

 11.1740, 9.5928,
11.2508

282.7199,
277.9714, 310.1393

 6.2521, 5.1298,
6.1195

336.6693,

 3.0411, 2.3236,

332.2987, 370.2335

2.8479

397.0791,
393.2800, 437.6283

■ 1.1755, 0.7862,
1.0175

■ 0.0869, 0.0000,
0.0000

■ 74.2329, 70.2136,
79.4521

■ 74.2329, 70.2136,
79.4521

■ 66.7153, 58.3118,
67.2844

■ 82.8763, 84.0708,
92.9047

■ 60.2694, 48.2675,
56.3573

■ 91.9123, 98.4120,
107.4181

■ 54.8456, 39.9886,
46.6302

■ 92.1681, 98.5143,
108.7651

■ 50.3876, 33.3711,
38.0587

■ 46.8337, 28.3001,
30.5949

■ 44.1144, 24.6459,
24.1870

■ 42.1491, 22.2573,
18.7779

■ 40.8391, 20.9475,
14.3025

■ 40.4230, 20.6003,
12.6684

Harmonies

Analogous

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



72.6487, 70.2136, 90.1152



74.2329, 70.2136, 79.4521



73.7490, 70.2136, 68.9216

Triad

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



74.2329, 70.2136, 79.4521



64.0524, 70.2136, 58.6287



62.3246, 70.2136, 94.1167

Complementary

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



74.2329, 70.2136, 79.4521



73.8414, 85.7594, 89.0094

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.



60.1821, 70.2136, 84.5090



74.2329, 70.2136, 79.4521



61.1530, 70.2136, 64.2424

Square

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



74.2329, 70.2136, 79.4521



67.7759, 70.2136, 57.5516



59.7615, 70.2136, 73.5258



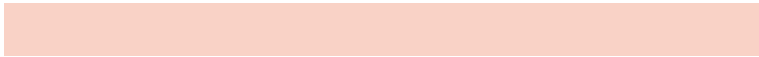
65.7067, 70.2136, 99.0912

Rectangle

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



74.2329, 70.2136, 79.4521



72.3267, 70.2136, 63.3206



59.7615, 70.2136, 73.5258



61.4409, 70.2136, 91.2809

Sweetspot

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



74.2349, 70.2167, 79.4536



89.8787, 91.6380, 101.0703



72.4312, 68.8861, 97.4753



19.0876, 19.3723, 21.4038



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

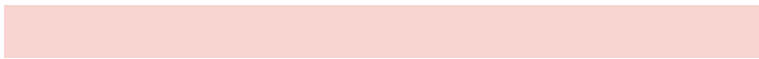
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2349, 70.2167, 79.4536



77.0593, 71.1141, 81.0289



73.2638, 71.3683, 69.5923



16.7629, 16.5880, 18.4978



21.4423, 10.9204, 7.0376



1.9332, 0.9792, 0.8745

Inverse Universe

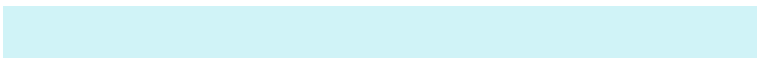
The Inverse Universe completely reimagines the original color for something new.



74.2349, 70.2167, 79.4536



77.0593, 71.1141, 81.0289



74.8837, 84.2882, 100.3190



16.7629, 16.5880, 18.4978



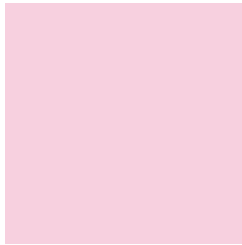
21.4423, 10.9204, 7.0376



1.9332, 0.9792, 0.8745

Previews

White Background



This preview shows how the XYZ color 74.2329, 70.2136, 79.4521 looks on a white background.

Color Contrast Check

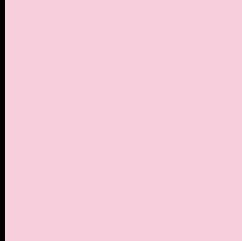
Large Text (above 18pt) WCAG AA × Fail

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 74.2329, 70.2136, 79.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

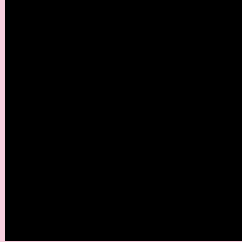
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2329, 70.2136, 79.4521

Background



This preview shows how black text looks on a background with the XYZ color 74.2329, 70.2136, 79.4521.



This preview shows how white text looks on a background with the XYZ color 74.2329, 70.2136,

79.4521.

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

74.2329, 70.2136, 79.4521

Protanopia

68.0299, 70.2872, 83.3800

Deuteranopia

71.9882, 70.5380, 78.9283



Tritanopia

74.3682, 70.2677, 80.1644

Trichromacy



Original Color

74.2329, 70.2136, 79.4521

Protanomaly

70.0871, 70.2421, 81.8156

Deuteranomaly

72.7547, 70.5632, 78.8927

Tritanomaly

74.3682, 70.2677, 80.1644

Monochromacy



Original Color

74.2329, 70.2136, 79.4521

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.3738, 71.2087, 79.1428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2329, 70.2136, 79.4521 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(247, 208, 223) looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 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(247, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.2329, 70.2136, 79.4521 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(247, 208, 223) }
```


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

```
.border{ border-color:rgb(247, 208, 223) }
```

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

Here you see how a box with a 4 pixel rgb(247, 208, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2329, 70.2136, 79.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 223) }
```

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

```
.background{ background-color: rgb(247,  
208, 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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