

Converting Colors

XYZ(74.8985, 72.2052, 76.3289)

Have a look what the booklet for
XYZ(74.8985, 72.2052, 76.3289)
contains.

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Color

**XYZ(74.9098, 72.1054,
76.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D4DA
RGB	248, 212, 218
RGB Percent	97%, 83%, 85%
CMY	0.0274, 0.1686, 0.1451
CMYK	0.00, 0.15, 0.12, 0.03
HSL	350°, 72%, 90%
HSV	350°, 15%, 97%
XYZ	74.9098, 72.1054, 76.2992
YIQ	223.4480, 19.5300, 9.4980

Conversions

Conversions Part 2

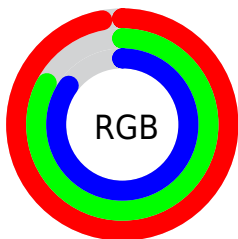
Format	Color
R _Y B	248, 212, 218
Decimal	16307418
CIE Lab	88.02, 13.49, 1.70
CIE LCh	88, 13.600, 7.180
Yxy	72.1054, 0.3354, 0.3229
Android (android.graphics.Color)	4294497498 (0xFFF8D4DA)
YUV	223.4480, -2.6859, 21.5321
Hunter-Lab	84.9149, 8.8672, 6.1662

Details

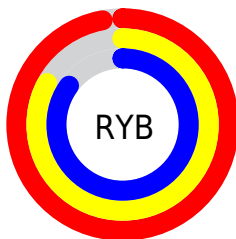
The XYZ color **74.9098, 72.1054, 76.2992** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7487, 87.5445, 96.8615**, and the grayscale version is **70.4683, 74.1382, 80.7365**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1537, 37.8347, 39.8368** is the 20% darker color. If you saturate the color by 10%, you get **66.6420, 59.6312, 61.0206**, and if you desaturate by 10%, it is **84.4712, 86.6253, 93.6748**.

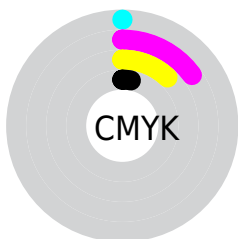
Distribution



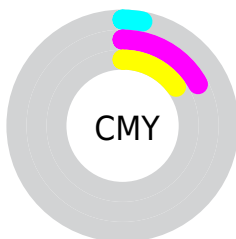
- Red (97%)
- Green (83%)
- Blue (85%)



- Red (97%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9098, 72.1054, 76.2992 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 74.9098, 72.1054, 76.2992 by changing the saturation by 10% instead.


 74.9098, 72.1054,
76.2992

 74.9098, 72.1054,
76.2992


466.6094,
467.9084, 501.7454

 55.8329, 53.2448,
56.1698

125.1733,
122.2064, 129.9137

 40.3054, 37.9982,
39.9341


157.0905,
154.2155, 164.2359

 27.9620, 25.9813,
27.1738


194.0187,
191.3763, 204.1260

 18.4374, 16.8097,
17.4702

236.3230,
234.0731, 250.0027

 11.3660, 10.0989,
10.4048

284.3689,
282.6903, 302.2844

 6.3827, 5.4646,
5.5591

338.5217,

 3.1220, 2.5223,

337.6123, 361.3897

2.5145

399.1468,
399.2235, 427.7372

■ 1.2186, 0.8878,
0.8478

■ 0.1210, 0.0000,
0.0000

■ 74.9098, 72.1054,
76.2992

■ 74.9098, 72.1054,
76.2992

■ 66.6420, 59.6312,
61.0206

■ 84.4712, 86.6253,
93.6748

■ 59.6059, 49.1014,
47.7549

■ 92.5218, 98.6967,
108.7817

■ 53.7440, 40.4207,
36.4190

■ 48.9913, 33.4820,
26.9221

■ 45.2766, 28.1669,
19.1662

■ 42.5204, 24.3423,
13.0438

■ 40.6310, 21.8542,
8.4353

■ 39.4981, 20.5140,
5.2036

■ 39.1174, 20.1189,
3.9477

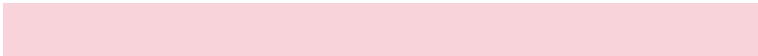
Harmonies

Analogous

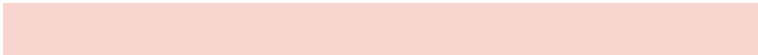
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4447, 72.1054, 85.6435



74.9098, 72.1054, 76.2992



73.6240, 72.1054, 68.2038

Triad

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



74.9098, 72.1054, 76.2992



64.8338, 72.1054, 65.1223



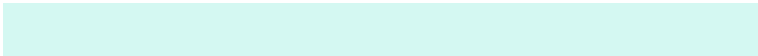
66.1436, 72.1054, 96.1512

Complementary

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



74.9098, 72.1054, 76.2992



76.7487, 87.5445, 96.8615

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.



63.6842, 72.1054, 89.8066



74.9098, 72.1054, 76.2992



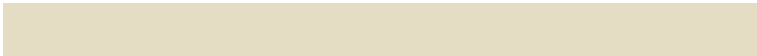
62.9448, 72.1054, 71.7850

Square

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



74.9098, 72.1054, 76.2992



67.7575, 72.1054, 62.0893



62.5307, 72.1054, 80.7642



69.3165, 72.1054, 97.5984

Rectangle

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



74.9098, 72.1054, 76.2992



71.9701, 72.1054, 64.4367



62.5307, 72.1054, 80.7642



65.2090, 72.1054, 94.4975

Sweetspot

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



74.9118, 72.1086, 76.3007



90.5432, 93.1284, 100.7943



77.1070, 72.7449, 98.7850



19.2041, 19.6654, 21.2568



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

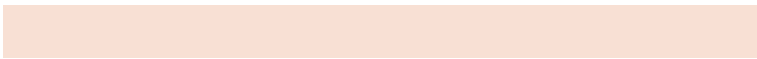
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9118, 72.1086, 76.3007



77.4652, 73.2798, 76.9901



77.2530, 78.0240, 73.2797



17.3625, 17.2724, 18.4989



21.1650, 10.8817, 2.3111



1.9927, 1.0208, 0.3847

Inverse Universe

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



74.9118, 72.1086, 76.3007



77.4652, 73.2798, 76.9901



74.0928, 80.7678, 100.4924



17.3625, 17.2724, 18.4989



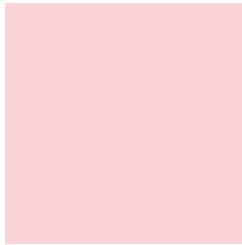
21.1650, 10.8817, 2.3111



1.9927, 1.0208, 0.3847

Previews

White Background



This preview shows how the XYZ color 74.9098, 72.1054, 76.2992 looks on a white background.

Color Contrast Check

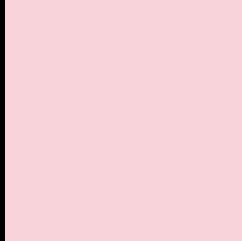
Large Text (above 18pt) WCAG AA × Fail

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 74.9098, 72.1054, 76.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

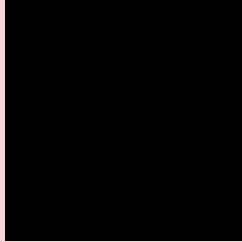
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9098, 72.1054, 76.2992

Background



This preview shows how black text looks on a background with the XYZ color 74.9098, 72.1054, 76.2992.

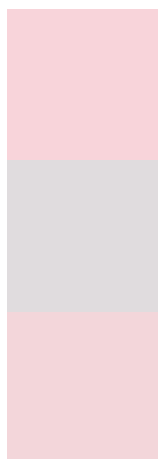


This preview shows how white text looks on a background with the XYZ color 74.9098, 72.1054,

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

74.9098, 72.1054, 76.2992

Protanopia

69.5185, 72.3076, 79.4000

Deuteranopia

73.6636, 72.2098, 76.3851



Tritanopia

76.2263, 72.2743, 82.6058

Trichromacy



Original Color

74.9098, 72.1054, 76.2992

Protanomaly

71.4683, 72.1698, 78.5700

Deuteranomaly

74.1053, 72.0629, 76.3334

Tritanomaly

75.8157, 72.1101, 80.4437

Monochromacy



Original Color

74.9098, 72.1054, 76.2992

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6614, 73.0393, 78.7276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9098, 72.1054, 76.2992 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(248, 212, 218) looks like.

```
.text, #text, p{  
    color:rgb(248, 212, 218)  
}
```

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(248, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 212, 218) }
```

Border

The CSS property to change the border of an element to XYZ 74.9098, 72.1054, 76.2992 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(248, 212, 218) }
```


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

```
.border{ border-color:rgb(248, 212, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(248, 212,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9098, 72.1054, 76.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 212, 218) }
```

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

```
.background{ background-color: rgb(248,  
212, 218) }
```

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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