

Converting Colors

XYZ(74.7244, 70.8222, 75.0734)

Have a look what the booklet for
XYZ(74.7244, 70.8222, 75.0734)
contains.

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Color

**XYZ(74.7492, 70.9347,
75.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1D9
RGB	250, 209, 217
RGB Percent	98%, 82%, 85%
CMY	0.0196, 0.1804, 0.1490
CMYK	0.00, 0.16, 0.13, 0.02
HSL	348°, 80%, 90%
HSV	348°, 16%, 98%
XYZ	74.7492, 70.9347, 75.3977
YIQ	222.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

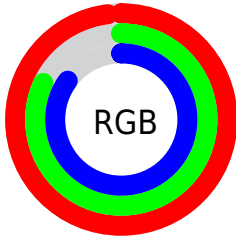
Format	Color
R _Y B	250, 209, 217
Decimal	16437721
CIE Lab	87.45, 15.60, 1.43
CIE LCh	87, 15.668, 5.223
Yxy	70.9347, 0.3381, 0.3209
Android (android.graphics.Color)	4294627801 (0xFFFAD1D9)
YUV	222.1710, -2.5493, 24.4060
Hunter-Lab	84.2227, 11.0322, 5.8785

Details

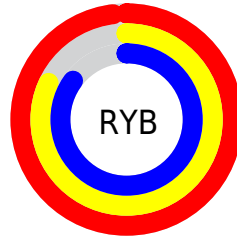
The XYZ color **74.7492, 70.9347, 75.3977** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5099, 88.3391, 97.0274**, and the grayscale version is **69.5603, 73.1828, 79.6961**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0695, 37.0573, 39.2233** is the 20% darker color. If you saturate the color by 10%, you get **66.6304, 58.6332, 60.5551**, and if you desaturate by 10%, it is **84.1537, 85.2951, 92.2453**.

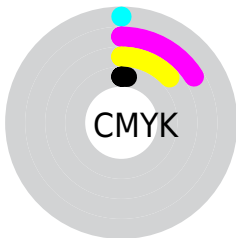
Distribution



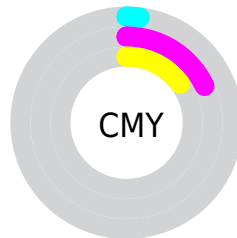
- Red (98%)
- Green (82%)
- Blue (85%)



- Red (98%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7492, 70.9347, 75.3977 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 74.7492, 70.9347, 75.3977 by changing the saturation by 10% instead.


 74.7492, 70.9347,
75.3977

 74.7492, 70.9347,
75.3977


466.0656,
463.8251, 498.5752

 55.7009, 52.2889,
55.4351


124.9471,
120.5407, 128.6274

 40.1992, 37.2354,
39.3492

156.8274,
152.2698, 162.7316

 27.8788, 25.3898,
26.7216


193.7157,
189.1287, 202.3867

 18.3743, 16.3677,
17.1336

235.9775,
231.5019, 248.0113

 11.3204, 9.7847,
10.1669

283.9780,
279.7737, 300.0239

 6.3516, 5.2565,
5.4027

338.0826,

 3.1027, 2.3985,

334.3286, 358.8431

2.4226

398.6567,
395.5509, 424.8874

■ 1.2083, 0.8251,
0.7987

■ 0.1129, 0.0000,
0.0000

■ 74.7492, 70.9347,
75.3977

■ 74.7492, 70.9347,
75.3977

■ 66.6304, 58.6332,
60.5551

■ 84.1537, 85.2951,
92.2453

■ 59.7350, 48.2869,
47.6380

■ 93.2347, 99.0642,
108.8150

■ 54.0047, 39.7976,
36.5677

■ 49.3738, 33.0546,
27.2589

■ 45.7700, 27.9355,
19.6190

■ 43.1121, 24.3019,
13.5468

■ 41.3060, 21.9922,
8.9294

■ 40.2364, 20.8053,
5.6375

■ 39.9740, 20.5439,
4.7376

Harmonies

Analogous

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



74.0820, 70.9347, 86.0836



74.7492, 70.9347, 75.3977



73.3952, 70.9347, 66.0814

Triad

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



74.7492, 70.9347, 75.3977



63.4048, 70.9347, 61.7734



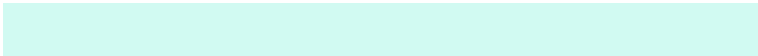
64.4866, 70.9347, 97.2289

Complementary

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



74.7492, 70.9347, 75.3977



76.5099, 88.3391, 97.0274

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.



61.7807, 70.9347, 89.5798



74.7492, 70.9347, 75.3977



61.1723, 70.9347, 69.0161

Square

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



74.7492, 70.9347, 75.3977



66.7764, 70.9347, 58.6882



60.5887, 70.9347, 79.1036



68.0704, 70.9347, 99.3296

Rectangle

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



74.7492, 70.9347, 75.3977



71.5567, 70.9347, 61.6950



60.5887, 70.9347, 79.1036



63.4484, 70.9347, 95.1891

Sweetspot

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



74.7512, 70.9379, 75.3992



89.5078, 91.4897, 99.1173



76.6074, 71.3483, 100.1772



18.9977, 19.3363, 20.9303



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

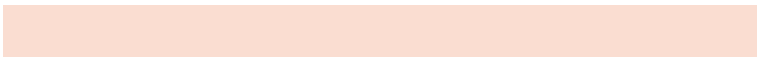
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7512, 70.9379, 75.3992



74.9637, 69.2981, 73.0075



76.8710, 76.8018, 71.0982



17.3829, 17.2805, 18.6064



21.2428, 10.9128, 2.7209



2.0028, 1.0248, 0.4380

Inverse Universe

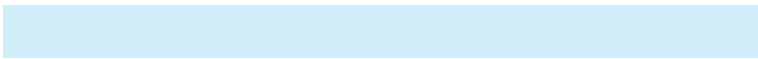
The Inverse Universe completely reimagines the original color for something new.



74.7512, 70.9379, 75.3992



74.9637, 69.2981, 73.0075



74.0396, 81.4343, 102.2593



17.3829, 17.2805, 18.6064



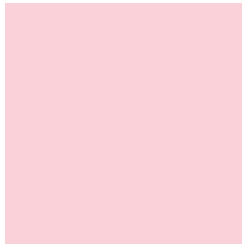
21.2428, 10.9128, 2.7209



2.0028, 1.0248, 0.4380

Previews

White Background



This preview shows how the XYZ color 74.7492, 70.9347, 75.3977 looks on a white background.

Color Contrast Check

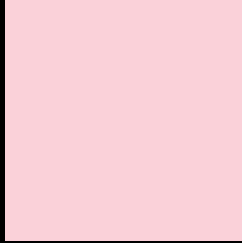
Large Text (above 18pt) WCAG AA × Fail

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 74.7492, 70.9347, 75.3977 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 74.7492, 70.9347, 75.3977

Background



This preview shows how black text looks on a background with the XYZ color 74.7492, 70.9347, 75.3977.

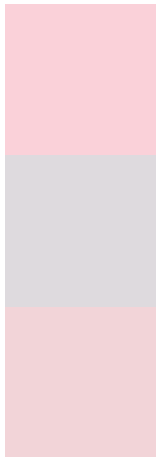


This preview shows how white text looks on a background with the XYZ color 74.7492, 70.9347,

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

74.7492, 70.9347, 75.3977

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

72.5561, 70.9221, 74.8310



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

74.7492, 70.9347, 75.3977

Protanomaly

70.4974, 70.9240, 77.6842

Deuteranomaly

73.3451, 70.9589, 74.7965

Tritanomaly

75.3907, 70.8414, 78.1069

Monochromacy



Original Color

74.7492, 70.9347, 75.3977

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0098, 71.9488, 77.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7492, 70.9347, 75.3977 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(250, 209, 217) looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 217)  
}
```

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(250, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.7492, 70.9347, 75.3977 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(250, 209, 217) }
```


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

```
.border{ border-color:rgb(250, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7492, 70.9347, 75.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 217) }
```

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

```
.background{ background-color: rgb(250,  
209, 217) }
```

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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