

Converting Colors

XYZ(78.3074, 74.0978, 82.3157)

Have a look what the booklet for
XYZ(78.3074, 74.0978, 82.3157)
contains.

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Color

**XYZ(78.3948, 74.1503,
82.1321)**

Conversions

Conversions Part 1

Format	Color
Hex	FED5E2
RGB	254, 213, 226
RGB Percent	100%, 84%, 89%
CMY	0.0039, 0.1647, 0.1137
CMYK	0.00, 0.16, 0.11, 0.00
HSL	341°, 95%, 92%
HSV	341°, 16%, 100%
XYZ	78.3948, 74.1503, 82.1321
YIQ	226.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

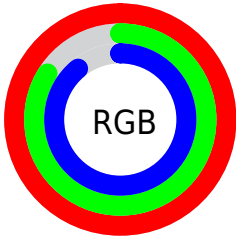
Format	Color
RYB	254, 213, 226
Decimal	16700898
CIELab	88.99, 16.35, -1.04
CIELCh	89, 16.381, 356.372
Yxy	74.1503, 0.3341, 0.3160
Android (android.graphics.Color)	4294890978 (0xFF FED5E2)
YUV	226.7410, -0.3653, 23.9061
Hunter-Lab	86.1106, 11.8124, 3.7267

Details

The XYZ color **78.3948, 74.1503, 82.1321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7625, 91.3826, 96.7109**, and the grayscale version is **72.8195, 76.6118, 83.4303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6035, 39.2643, 43.8614** is the 20% darker color. If you saturate the color by 10%, you get **70.2383, 61.4556, 68.2569**, and if you desaturate by 10%, it is **87.7969, 88.9491, 97.6127**.

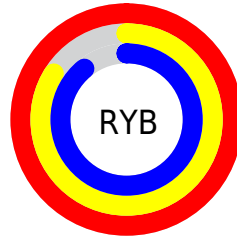
Distribution



Red (100%)

Green (84%)

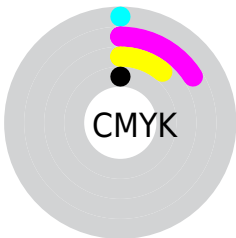
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

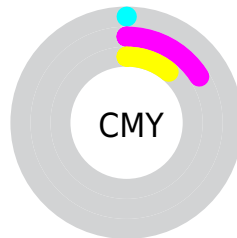


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3948, 74.1503, 82.1321 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 78.3948, 74.1503, 82.1321 by changing the saturation by 10% instead.


 78.3948, 74.1503,
82.1321

 78.3948, 74.1503,
82.1321

478.3259,
474.9919, 521.9845

 58.7023, 54.9171,
60.9380


130.0689,
125.1088, 138.1976

 42.6189, 39.3353,
43.7449


162.7813,
157.6029, 173.9060

 29.7795, 27.0207,
30.1343


200.5642,
195.2861, 215.2896

 19.8185, 17.5888,
19.6876

243.7831,
238.5428, 262.7670

 12.3707, 10.6551,
11.9864

292.8034,
287.7573, 316.7566

 7.0706, 5.8355,
6.6120

347.9904,

 3.5530, 2.7453,

343.3140, 377.6770

3.1459

409.7095,
405.5975, 445.9468

■ 1.4525, 1.0002,
1.1696

■ 0.2932, 0.0000,
0.0000

■ 78.3948, 74.1503,
82.1321

■ 78.3948, 74.1503,
82.1321

■ 70.2383, 61.4556,
68.2569

■ 87.7969, 88.9491,
97.6127

■ 63.2677, 50.7593,
55.9293

94.6835, 99.8111,
108.8828

■ 57.4273, 41.9614,
45.0949

■ 52.6547, 34.9496,
35.6940

■ 48.8809, 29.5992,
27.6628

■ 46.0286, 25.7695,
20.9318

■ 44.0080, 23.2962,
15.4244

■ 42.7090, 21.9756,
11.0537

■ 42.3407, 21.6579,
9.6391

Harmonies

Analogous

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



77.0441, 74.1503, 93.4940



78.3948, 74.1503, 82.1321



77.5592, 74.1503, 71.3872

Triad

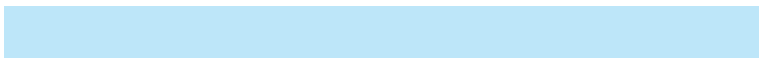
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3948, 74.1503, 82.1321



67.1325, 74.1503, 62.6488



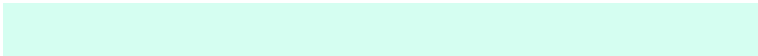
66.3236, 74.1503, 100.3970

Complementary

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



78.3948, 74.1503, 82.1321



78.7625, 91.3826, 96.7109

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.



63.8408, 74.1503, 90.8696



78.3948, 74.1503, 82.1321



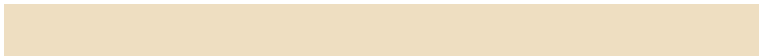
64.2953, 74.1503, 69.1968

Square

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



78.3948, 74.1503, 82.1321



70.9631, 74.1503, 60.7787



63.1123, 74.1503, 79.3579



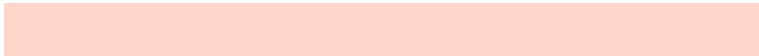
69.9944, 74.1503, 104.6465

Rectangle

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



78.3948, 74.1503, 82.1321



75.8912, 74.1503, 65.8884



63.1123, 74.1503, 79.3579



65.3278, 74.1503, 97.6642

Sweetspot

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



78.3969, 74.1536, 82.1337



89.7460, 91.5849, 100.3713



77.7347, 73.3315, 103.8243



19.0554, 19.3594, 21.2342



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

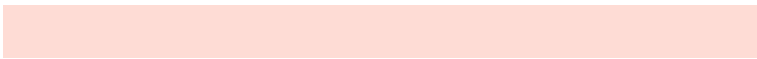
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3969, 74.1536, 82.1337



76.6165, 70.9369, 78.6972



78.4353, 76.9771, 73.6788



18.2466, 18.0820, 19.9157



22.3811, 11.4417, 5.3912



2.2263, 1.1329, 0.7729

Inverse Universe

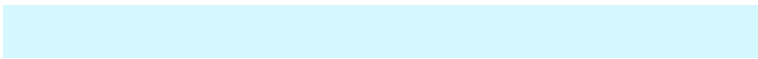
The Inverse Universe completely reimagines the original color for something new.



78.3969, 74.1536, 82.1337



76.6165, 70.9369, 78.6972



78.6442, 87.9276, 106.5937



18.2466, 18.0820, 19.9157



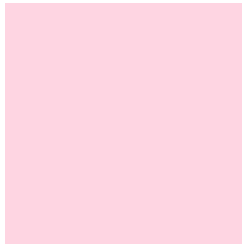
22.3811, 11.4417, 5.3912



2.2263, 1.1329, 0.7729

Previews

White Background



This preview shows how the XYZ color 78.3948, 74.1503, 82.1321 looks on a white background.

Color Contrast Check

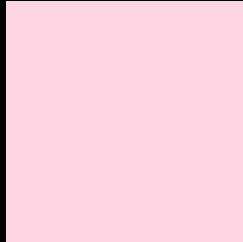
Large Text (above 18pt) WCAG AA × Fail

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 78.3948, 74.1503, 82.1321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

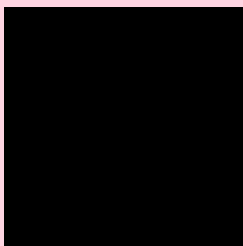
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3948, 74.1503, 82.1321

Background



This preview shows how black text looks on a background with the XYZ color 78.3948, 74.1503, 82.1321.



This preview shows how white text looks on a background with the XYZ color 78.3948, 74.1503,

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

78.3948, 74.1503, 82.1321

Protanopia

71.7381, 74.0763, 86.8611

Deuteranopia

75.7117, 74.2950, 81.5841



Tritanopia

78.8102, 74.3165, 84.3195

Trichromacy



Original Color

78.3948, 74.1503, 82.1321

Protanomaly

74.2065, 74.2091, 85.2756

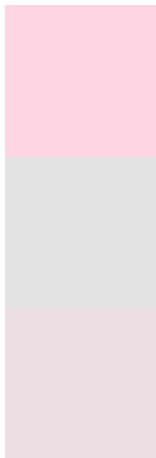
Deuteranomaly

76.8579, 74.5044, 81.5641

Tritanomaly

78.6709, 74.2608, 83.5861

Monochromacy



Original Color

78.3948, 74.1503, 82.1321

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.9115, 75.7931, 83.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3948, 74.1503, 82.1321 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(254, 213, 226) looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 226)  
}
```

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(254, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 226) }
```

Border

The CSS property to change the border of an element to XYZ 78.3948, 74.1503, 82.1321 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(254, 213, 226) }
```


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

```
.border{ border-color:rgb(254, 213, 226) }
```

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

Here you see how a box with a 4 pixel rgb(254, 213, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3948, 74.1503, 82.1321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 226) }
```

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

```
.background{ background-color: rgb(254,  
213, 226) }
```

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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