

Converting Colors

XYZ(83.0375, 76.4742, 80.7136)

Have a look what the booklet for
XYZ(83.0375, 76.4742, 80.7136)
contains.

XYZ(78.4888, 74.2303, 80.7121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.4888, 74.2303,
80.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E0
RGB	255, 213, 224
RGB Percent	100%, 84%, 88%
CMY	0.0000, 0.1647, 0.1216
CMYK	0.00, 0.16, 0.12, 0.00
HSL	344°, 100%, 92%
HSV	344°, 16%, 100%
XYZ	78.4888, 74.2303, 80.7121
YIQ	226.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

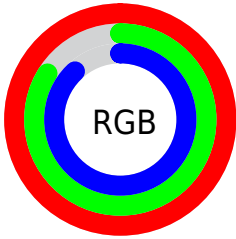
Format	Color
RYB	255, 213, 224
Decimal	16766432
CIELab	89.03, 16.37, 0.08
CIELCh	89, 16.373, 0.293
Yxy	74.2303, 0.3362, 0.3180
Android (android.graphics.Color)	4294956512 (0xFFFFD5E0)
YUV	226.8120, -1.3863, 24.7209
Hunter-Lab	86.1570, 11.8383, 4.7669

Details

The XYZ color **78.4888, 74.2303, 80.7121** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5321, 92.1990, 99.1959**, and the grayscale version is **72.8774, 76.6727, 83.4966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6770, 39.3241, 42.8771** is the 20% darker color. If you saturate the color by 10%, you get **70.1588, 61.4321, 66.0303**, and if you desaturate by 10%, it is **88.1133, 89.1646, 97.2217**.

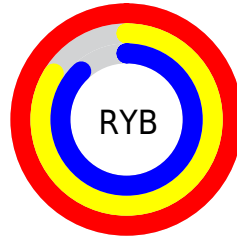
Distribution



Red (100%)

Green (84%)

Blue (88%)



Red (100%)

Yellow (84%)

Blue (88%)

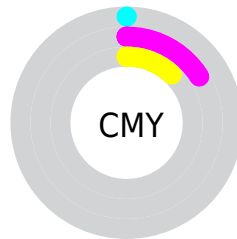


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4888, 74.2303, 80.7121 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 78.4888, 74.2303, 80.7121 by changing the saturation by 10% instead.


 78.4888, 74.2303,
80.7121

 78.4888, 74.2303,
80.7121


478.6397,
475.2678, 517.0993

 58.7798, 54.9826,
59.7749


130.2007,
125.2222, 136.1869

 42.6816, 39.3878,
42.8131


162.9342,
157.7352, 171.5615

 29.8288, 27.0615,
29.4082


200.7400,
195.4387, 212.5858

 19.8561, 17.6194,
19.1416

243.9834,
238.7171, 259.6781

 12.3981, 10.6771,
11.5948

293.0297,
287.9548, 313.2571

 7.0896, 5.8502,
6.3492

348.2443,

 3.5650, 2.7542,

343.5362, 373.7413

2.9864

409.9925,
405.8458, 441.5492

■ 1.4591, 1.0048,
1.0877

■ 0.2978, 0.0000,
0.0000

■ 78.4888, 74.2303,
80.7121

■ 78.4888, 74.2303,
80.7121

■ 70.1588, 61.4321,
66.0303

■ 88.1133, 89.1646,
97.2217

■ 63.0621, 50.6631,
53.1077

95.0500, 100.0000,
108.9000

■ 57.1399, 41.8209,
41.8782

■ 52.3267, 34.7908,
32.2693

■ 48.5501, 29.4456,
24.2035

■ 45.7288, 25.6414,
17.5960

■ 43.7688, 23.2101,
12.3532

■ 42.5542, 21.9421,
8.3682

■ 42.2462, 21.6625,
7.2284

Harmonies

Analogous

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



77.4137, 74.2303, 92.1827



78.4888, 74.2303, 80.7121



77.3720, 74.2303, 70.2622

Triad

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



78.4888, 74.2303, 80.7121



66.7623, 74.2303, 63.3336



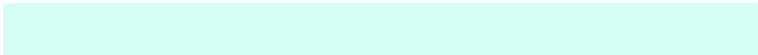
66.8277, 74.2303, 101.4008

Complementary

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



78.4888, 74.2303, 80.7121



79.5321, 92.1990, 99.1959

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.



64.1481, 74.2303, 92.3949



78.4888, 74.2303, 80.7121



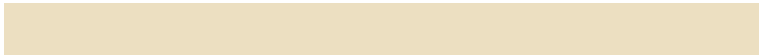
64.1114, 74.2303, 70.4392

Square

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



78.4888, 74.2303, 80.7121



70.5145, 74.2303, 60.8234



63.1722, 74.2303, 80.9364



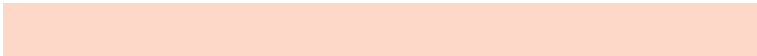
70.5928, 74.2303, 104.7893

Rectangle

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



78.4888, 74.2303, 80.7121



75.5580, 74.2303, 65.1040



63.1722, 74.2303, 80.9364



65.7753, 74.2303, 98.8908

Sweetspot

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



78.4905, 74.2334, 80.7136



89.6380, 91.5418, 99.8028



79.0852, 74.0091, 104.7247



19.0293, 19.3489, 21.0964



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

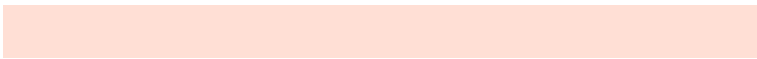
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4905, 74.2334, 80.7136



75.4033, 69.4739, 75.3226



79.5865, 78.7354, 73.9576



18.2046, 18.0651, 19.6945



22.1262, 11.3398, 4.0488



2.1969, 1.1211, 0.6184

Inverse Universe

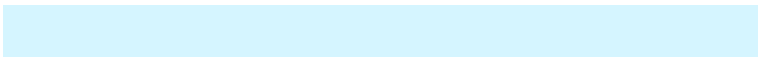
The Inverse Universe completely reimagines the original color for something new.



78.4905, 74.2334, 80.7136



75.4033, 69.4739, 75.3226



78.2057, 86.7938, 107.2387



18.2046, 18.0651, 19.6945



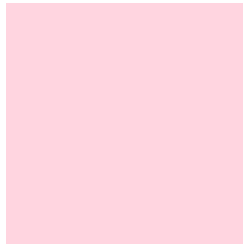
22.1262, 11.3398, 4.0488



2.1969, 1.1211, 0.6184

Previews

White Background



This preview shows how the XYZ color 78.4888, 74.2303, 80.7121 looks on a white background.

Color Contrast Check

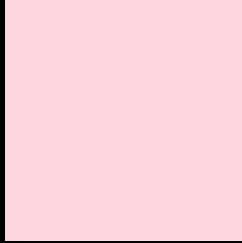
Large Text (above 18pt) WCAG AA × Fail

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 78.4888, 74.2303, 80.7121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

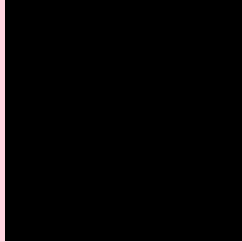
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4888, 74.2303, 80.7121

Background



This preview shows how black text looks on a background with the XYZ color 78.4888, 74.2303, 80.7121.



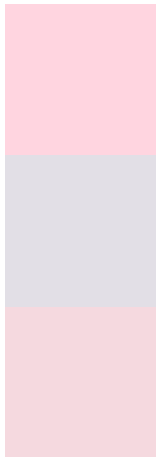
This preview shows how white text looks on a background with the XYZ color 78.4888, 74.2303,

80.7121.

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

78.4888, 74.2303, 80.7121

Protanopia

72.0346, 74.6573, 85.4766

Deuteranopia

75.7883, 74.3659, 80.1716



Tritanopia

78.9263, 74.0041, 84.2531

Trichromacy



Original Color

78.4888, 74.2303, 80.7121

Protanomaly

74.2602, 74.2690, 83.8202

Deuteranomaly

76.9421, 74.5792, 80.1520

Tritanomaly

78.6486, 73.8930, 82.7906

Monochromacy



Original Color

78.4888, 74.2303, 80.7121

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.7738, 75.7381, 82.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4888, 74.2303, 80.7121 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(255, 213, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 224)  
}
```

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(255, 213, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 224) }
```

Border

The CSS property to change the border of an element to XYZ 78.4888, 74.2303, 80.7121 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(255, 213, 224) }
```


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

```
.border{ border-color:rgb(255, 213, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4888, 74.2303, 80.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 224) }
```

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

```
.background{ background-color: rgb(255,  
213, 224) }
```

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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