

Converting Colors

XYZ(118.6587, 95.2403,
83.4664)

Have a look what the booklet for
XYZ(118.6587, 95.2403, 83.4664)
contains.

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Color

**XYZ(78.8772, 74.7894,
81.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6E1
RGB	255, 214, 225
RGB Percent	100%, 84%, 88%
CMY	0.0000, 0.1608, 0.1176
CMYK	0.00, 0.16, 0.12, 0.00
HSL	344°, 100%, 92%
HSV	344°, 16%, 100%
XYZ	78.8772, 74.7894, 81.5127
YIQ	227.5130, 20.9050, 12.1130

Conversions

Conversions Part 2

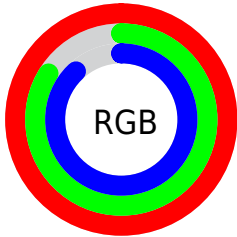
Format	Color
R_{YB}	255, 214, 225
Decimal	16766689
CIE _{Lab}	89.29, 16.01, -0.06
CIE _{LCh}	89, 16.012, 359.788
Yxy	74.7894, 0.3354, 0.3180
Android (android.graphics.Color)	4294956769 (0xFFFFD6E1)
YUV	227.5130, -1.2389, 24.1061
Hunter-Lab	86.4809, 11.4642, 4.6527

Details

The XYZ color **78.8772, 74.7894, 81.5127** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8232, 92.3490, 99.2096**, and the grayscale version is **73.3868, 77.2087, 84.0802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9425, 39.7043, 43.4306** is the 20% darker color. If you saturate the color by 10%, you get **70.5136, 61.9159, 66.8445**, and if you desaturate by 10%, it is **88.5327, 89.8009, 97.9861**.

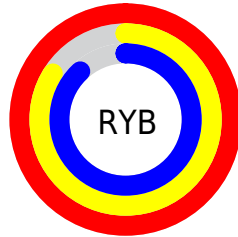
Distribution



Red (100%)

Green (84%)

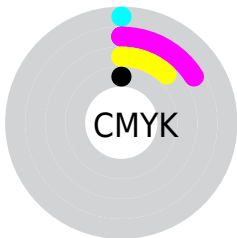
Blue (88%)



Red (100%)

Yellow (84%)

Blue (88%)

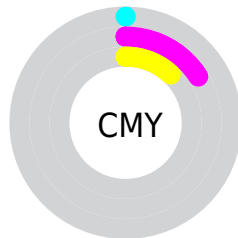


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8772, 74.7894, 81.5127 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 78.8772, 74.7894, 81.5127 by changing the saturation by 10% instead.


 78.8772, 74.7894,
81.5127

 78.8772, 74.7894,
81.5127


479.9352,
477.1934, 519.8568

 59.1001, 55.4404,
60.4305


130.7448,
126.0142, 137.3210

 42.9404, 39.7544,
43.3381


163.5661,
158.6588, 172.8841

 30.0327, 27.3471,
29.8171


201.4661,
196.5040, 214.1113

 20.0116, 17.8341,
19.4490

244.8102,
239.9342, 261.4210

 12.5118, 10.8309,
11.8151

293.9638,
289.3339, 315.2319

 7.1679, 5.9533,
6.4969

349.2923,

 3.6146, 2.8167,

345.0874, 375.9625

3.0759

411.1610,
407.5791, 444.0313

■ 1.4865, 1.0368,
1.1335

■ 0.3166, 0.0000,
0.0000

■ 78.8772, 74.7894,
81.5127

■ 78.8772, 74.7894,
81.5127

■ 70.5136, 61.9159,
66.8445

■ 88.5327, 89.8009,
97.9861

■ 63.3810, 51.0736,
53.9144

95.0500, 100.0000,
108.9000

■ 57.4211, 42.1609,
42.6576

■ 52.5689, 35.0633,
33.0036

■ 48.7527, 29.6544,
24.8765

■ 45.8919, 25.7913,
18.1938

■ 43.8935, 23.3070,
12.8643

■ 42.6433, 21.9951,
8.7842

■ 42.2955, 21.6822,
7.4883

Harmonies

Analogous

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



77.7870, 74.7894, 92.7638



78.8772, 74.7894, 81.5127



77.8166, 74.7894, 71.1907

Triad

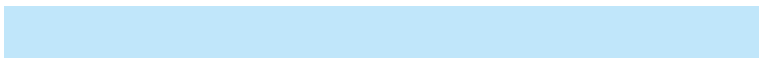
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8772, 74.7894, 81.5127



67.4125, 74.7894, 64.1278



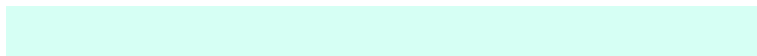
67.3660, 74.7894, 101.5086

Complementary

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



78.8772, 74.7894, 81.5127



79.8232, 92.3490, 99.2096

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.



64.7534, 74.7894, 92.6132



78.8772, 74.7894, 81.5127



64.7796, 74.7894, 71.0645

Square

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



78.8772, 74.7894, 81.5127



71.1129, 74.7894, 61.7306



63.8238, 74.7894, 81.3532



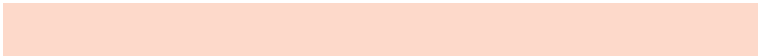
71.0572, 74.7894, 104.9362

Rectangle

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



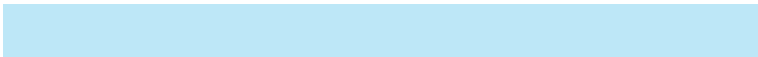
78.8772, 74.7894, 81.5127



76.0539, 74.7894, 66.0617



63.8238, 74.7894, 81.3532



66.3375, 74.7894, 99.0208

Sweetspot

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



78.8789, 74.7925, 81.5143



89.6505, 91.5467, 99.8685



79.1933, 74.4395, 104.8021



19.0323, 19.3501, 21.1123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

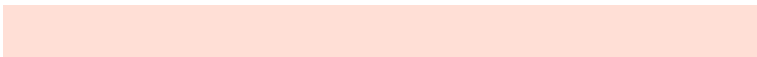
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8789, 74.7925, 81.5143



76.3021, 70.8111, 77.0412



79.7362, 78.8309, 74.6357



18.2094, 18.0671, 19.7201



22.1529, 11.3505, 4.1897



2.2001, 1.1224, 0.6351

Inverse Universe

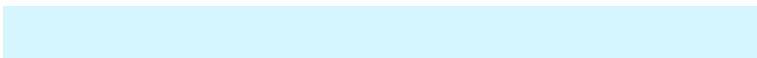
The Inverse Universe completely reimagines the original color for something new.



78.8789, 74.7925, 81.5143



76.3021, 70.8111, 77.0412



78.7750, 87.5004, 107.3451



18.2094, 18.0671, 19.7201



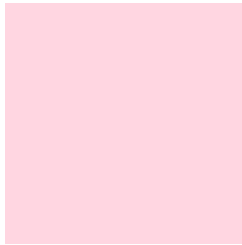
22.1529, 11.3505, 4.1897



2.2001, 1.1224, 0.6351

Previews

White Background



This preview shows how the XYZ color 78.8772, 74.7894, 81.5127 looks on a white background.

Color Contrast Check

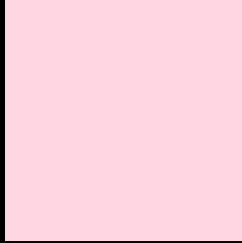
Large Text (above 18pt) WCAG AA × Fail

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 78.8772, 74.7894, 81.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

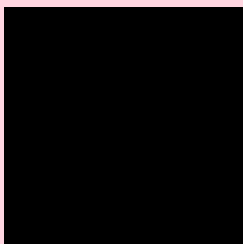
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8772, 74.7894, 81.5127

Background



This preview shows how black text looks on a background with the XYZ color 78.8772, 74.7894, 81.5127.



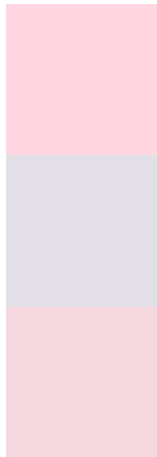
This preview shows how white text looks on a background with the XYZ color 78.8772, 74.7894,

81.5127.

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

78.8772, 74.7894, 81.5127

Protanopia

72.3492, 74.8194, 85.4913

Deuteranopia

76.2734, 74.6004, 80.9003



Tritanopia

79.3172, 74.5617, 85.0743

Trichromacy



Original Color

78.8772, 74.7894, 81.5127

Protanomaly

74.5218, 74.7924, 83.9074

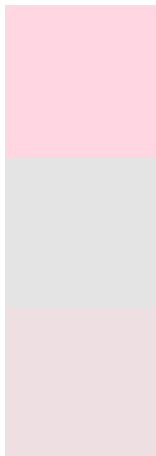
Deuteranomaly

77.0773, 74.6333, 80.8643

Tritanomaly

79.0378, 74.4499, 83.6033

Monochromacy



Original Color

78.8772, 74.7894, 81.5127

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.5127, 76.4985, 83.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8772, 74.7894, 81.5127 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, 214, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 225)  
}
```

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, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 78.8772, 74.7894, 81.5127 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, 214, 225) }
```


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

```
.border{ border-color:rgb(255, 214, 225) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8772, 74.7894, 81.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 225) }
```

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

```
.background{ background-color: rgb(255,  
214, 225) }
```

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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