

Converting Colors

XYZ(103.4412, 87.3472,
80.6647)

Have a look what the booklet for
XYZ(103.4412, 87.3472, 80.6647)
contains.

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Color

**XYZ(78.4714, 74.6271,
79.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6DE
RGB	255, 214, 222
RGB Percent	100%, 84%, 87%
CMY	0.0000, 0.1608, 0.1294
CMYK	0.00, 0.16, 0.13, 0.00
HSL	348°, 100%, 92%
HSV	348°, 16%, 100%
XYZ	78.4714, 74.6271, 79.3758
YIQ	227.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

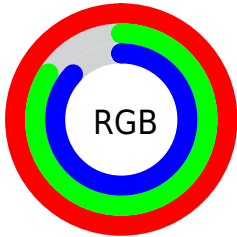
Format	Color
R _Y B	255, 214, 222
Decimal	16766686
CIE Lab	89.22, 15.53, 1.41
CIE LCh	89, 15.597, 5.188
Yxy	74.6271, 0.3375, 0.3210
Android (android.graphics.Color)	4294956766 (0xFFFFD6DE)
YUV	227.1710, -2.5493, 24.4060
Hunter-Lab	86.3870, 10.9670, 5.9929

Details

The XYZ color **78.4714, 74.6271, 79.3758** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2826, 92.5328, 101.6288**, and the grayscale version is **73.1465, 76.9558, 83.8048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6619, 39.5921, 41.9527** is the 20% darker color. If you saturate the color by 10%, you get **69.9301, 61.6825, 63.7719**, and if you desaturate by 10%, it is **88.3614, 89.7324, 97.0837**.

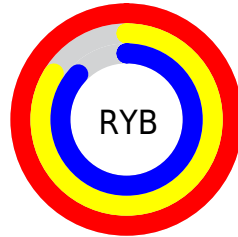
Distribution



Red (100%)

Green (84%)

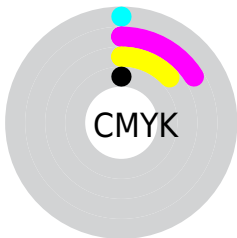
Blue (87%)



Red (100%)

Yellow (84%)

Blue (87%)

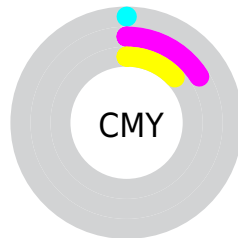


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4714, 74.6271, 79.3758 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 78.4714, 74.6271, 79.3758 by changing the saturation by 10% instead.

 78.4714, 74.6271,
79.3758

 78.4714, 74.6271,
79.3758


478.5816,
476.6349, 512.4779

 58.7654, 55.3075,
58.6817


130.1763,
125.7844, 134.2912

 42.6700, 39.6479,
41.9386


162.9059,
158.3908, 169.3497

 29.8196, 27.2641,
28.7280


200.7075,
196.1949, 210.0333

 19.8491, 17.7717,
18.6314

243.9463,
239.5811, 256.7606

 12.3930, 10.7862,
11.2301

292.9878,
288.9338, 309.9502

 7.0860, 5.9233,
6.1057

348.1973,

 3.5628, 2.7985,

344.6374, 370.0206

2.8396

409.9401,
407.0763, 437.3903

■ 1.4579, 1.0274,
1.0133

■ 0.2969, 0.0000,
0.0000

■ 78.4714, 74.6271,
79.3758

■ 78.4714, 74.6271,
79.3758

■ 69.9301, 61.6825,
63.7719

■ 88.3614, 89.7324,
97.0837

■ 62.6735, 50.7906,
50.1886

95.0500, 100.0000,
108.9000

■ 56.6399, 41.8484,
38.5438

■ 51.7607, 34.7401,
28.7478

■ 47.9603, 29.3375,
20.7040

■ 45.1537, 25.4960,
14.3062

■ 43.2425, 23.0467,
9.4365

■ 42.1070, 21.7806,
5.9597

■ 41.8100, 21.4880,
4.9316

Harmonies

Analogous

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



77.7829, 74.6271, 90.3724



78.4714, 74.6271, 79.3758



77.0813, 74.6271, 69.7672

Triad

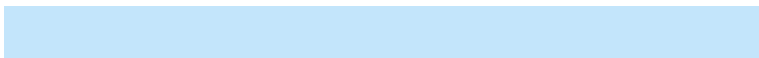
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4714, 74.6271, 79.3758



66.7967, 74.6271, 65.3029



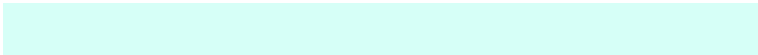
67.9039, 74.6271, 101.8032

Complementary

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



78.4714, 74.6271, 79.3758



80.2826, 92.5328, 101.6288

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.



65.1165, 74.6271, 93.9420



78.4714, 74.6271, 79.3758



64.4935, 74.6271, 72.7746

Square

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



78.4714, 74.6271, 79.3758



70.2712, 74.6271, 62.1198



63.8895, 74.6271, 83.1661



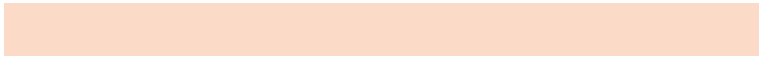
71.5946, 74.6271, 103.9671

Rectangle

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



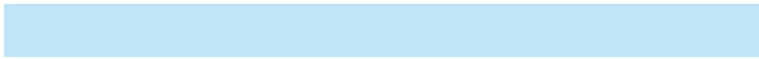
78.4714, 74.6271, 79.3758



75.1912, 74.6271, 65.2348



63.8895, 74.6271, 83.1661



66.8345, 74.6271, 99.7070

Sweetspot

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



78.4731, 74.6303, 79.3774



89.5078, 91.4897, 99.1173



80.3858, 75.0543, 104.8579



18.9977, 19.3363, 20.9303



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

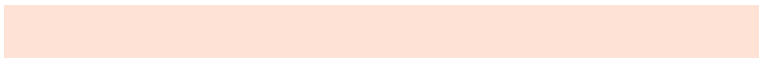
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4731, 74.6303, 79.3774



75.8386, 70.6257, 74.6004



80.6576, 80.6737, 74.9429



18.1541, 18.0450, 19.4289



21.8875, 11.2443, 2.7919



2.1672, 1.1092, 0.4618

Inverse Universe

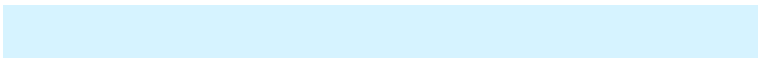
The Inverse Universe completely reimagines the original color for something new.



78.4731, 74.6303, 79.3774



75.8386, 70.6257, 74.6004



77.7448, 85.4399, 107.0017



18.1541, 18.0450, 19.4289



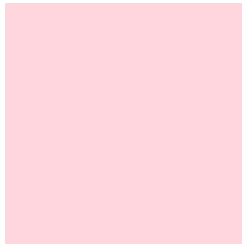
21.8875, 11.2443, 2.7919



2.1672, 1.1092, 0.4618

Previews

White Background



This preview shows how the XYZ color 78.4714, 74.6271, 79.3758 looks on a white background.

Color Contrast Check

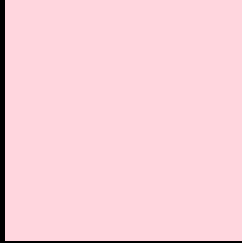
Large Text (above 18pt) WCAG AA × Fail

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 78.4714, 74.6271, 79.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

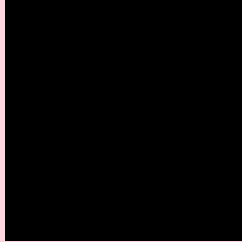
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4714, 74.6271, 79.3758

Background



This preview shows how black text looks on a background with the XYZ color 78.4714, 74.6271, 79.3758.



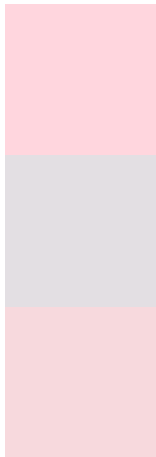
This preview shows how white text looks on a background with the XYZ color 78.4714, 74.6271,

79.3758.

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

78.4714, 74.6271, 79.3758

Protanopia

71.9314, 74.6523, 83.2912

Deuteranopia

76.2218, 74.6203, 78.7925



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

78.4714, 74.6271, 79.3758

Protanomaly

74.1089, 74.6272, 81.7327

Deuteranomaly

77.0314, 74.6562, 78.7567

Tritanomaly

78.7617, 74.3395, 82.1493

Monochromacy



Original Color

78.4714, 74.6271, 79.3758

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6369, 75.6833, 81.9087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4714, 74.6271, 79.3758 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 222) }
```

Border

The CSS property to change the border of an element to XYZ 78.4714, 74.6271, 79.3758 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, 222) }
```


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

```
.border{ border-color:rgb(255, 214, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4714, 74.6271, 79.3758 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
214, 222) }
```

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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