

Converting Colors

XYZ(77.4879, 74.7975, 83.0264)

Have a look what the booklet for
XYZ(77.4879, 74.7975, 83.0264)
contains.

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Color

**XYZ(77.4879, 74.7975,
83.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D8E3
RGB	249, 216, 227
RGB Percent	98%, 85%, 89%
CMY	0.0235, 0.1529, 0.1098
CMYK	0.00, 0.13, 0.09, 0.02
HSL	340°, 73%, 91%
HSV	340°, 13%, 98%
XYZ	77.4879, 74.7975, 83.0264
YIQ	227.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

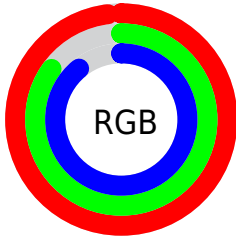
Format	Color
R_{YB}	249, 216, 227
Decimal	16373987
CIE _{Lab}	89.30, 13.22, -1.17
CIE _{LCh}	89, 13.272, 354.943
Yxy	74.7975, 0.3293, 0.3179
Android (android.graphics.Color)	4294564067 (0xFFFF9D8E3)
YUV	227.1210, -0.0597, 19.1879
Hunter-Lab	86.4855, 8.5798, 3.6213

Details

The XYZ color **77.4879, 74.7975, 83.0264** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6301, 88.5252, 93.8886**, and the grayscale version is **73.0956, 76.9023, 83.7466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9295, 39.6748, 44.4778** is the 20% darker color. If you saturate the color by 10%, you get **69.4039, 62.1208, 69.5665**, and if you desaturate by 10%, it is **86.7638, 89.5025, 97.9755**.

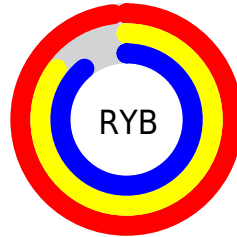
Distribution



Red (98%)

Green (85%)

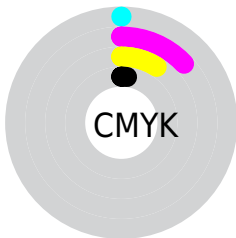
Blue (89%)



Red (98%)

Yellow (85%)

Blue (89%)

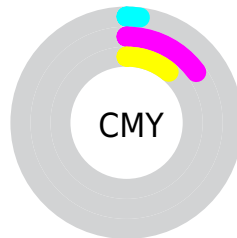


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4879, 74.7975, 83.0264 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 77.4879, 74.7975, 83.0264 by changing the saturation by 10% instead.


 77.4879, 74.7975,
83.0264

 77.4879, 74.7975,
83.0264


475.2924,
477.2213, 525.0478

 57.9547, 55.4470,
61.6712


128.7972,
126.0257, 139.4620

 42.0154, 39.7597,
44.3330


161.3040,
158.6721, 175.3795

 29.3045, 27.3513,
30.5933


198.8660,
196.5194, 216.9881

 19.4567, 17.8372,
20.0335

241.8486,
239.9518, 264.7065

 12.1067, 10.8332,
12.2351

290.6173,
289.3538, 318.9531

 6.8891, 5.9548,
6.7795

345.5372,

 3.4386, 2.8176,

345.1098, 380.1465

3.2482

406.9738,
407.6042, 448.7052

■ 1.3897, 1.0373,
1.2227

■ 0.2489, 0.0000,
0.0000

■ 77.4879, 74.7975,
83.0264

■ 77.4879, 74.7975,
83.0264

■ 69.4039, 62.1208,
69.5665

■ 86.7638, 89.5025,
97.9755

■ 62.4558, 51.3731,
57.5439

■ 92.8773, 98.8799,
108.7983

■ 56.5926, 42.4620,
46.9103

■ 51.7567, 35.2833,
37.6128

■ 47.8851, 29.7221,
29.5950

■ 44.9072, 25.6499,
22.7958

■ 42.7424, 22.9180,
17.1482

■ 41.2934, 21.3463,
12.5770

■ 40.6279, 20.7642,
10.0461

Harmonies

Analogous

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



76.3212, 74.7975, 92.1381



77.4879, 74.7975, 83.0264



76.8990, 74.7975, 74.1392

Triad

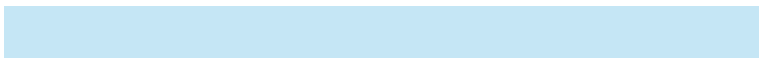
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4879, 74.7975, 83.0264



68.4950, 74.7975, 66.2961



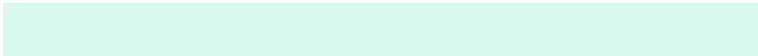
67.5703, 74.7975, 96.9551

Complementary

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



77.4879, 74.7975, 83.0264



77.6301, 88.5252, 93.8886

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.



65.5864, 74.7975, 89.2088



77.4879, 74.7975, 83.0264



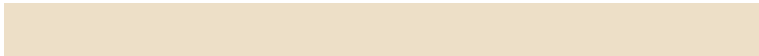
66.1088, 74.7975, 71.6071

Square

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



77.4879, 74.7975, 83.0264



71.6440, 74.7975, 64.9141



65.0596, 74.7975, 79.8774



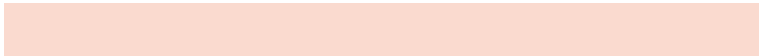
70.5444, 74.7975, 100.5607

Rectangle

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



77.4879, 74.7975, 83.0264



75.5992, 74.7975, 69.4648



65.0596, 74.7975, 79.8774



66.7691, 74.7975, 94.7219

Sweetspot

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



77.4900, 74.8008, 83.0280



90.8061, 93.2335, 102.1789



76.9172, 74.1320, 99.8784



19.2704, 19.6920, 21.6061



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

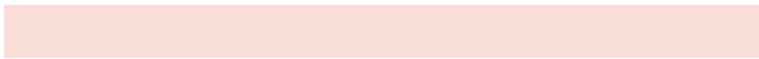
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4900, 74.8008, 83.0280



79.3126, 75.0446, 83.5557



77.4527, 77.0781, 75.7651



17.4832, 17.3206, 19.1342



21.8059, 11.1381, 5.6863



2.0666, 1.0504, 0.7742

Inverse Universe

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



77.4900, 74.8008, 83.0280



79.3126, 75.0446, 83.5557



77.6207, 85.8414, 102.1014



17.4832, 17.3206, 19.1342



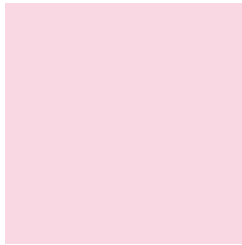
21.8059, 11.1381, 5.6863



2.0666, 1.0504, 0.7742

Previews

White Background



This preview shows how the XYZ color 77.4879, 74.7975, 83.0264 looks on a white background.

Color Contrast Check

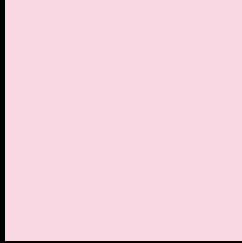
Large Text (above 18pt) WCAG AA × Fail

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 77.4879, 74.7975, 83.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

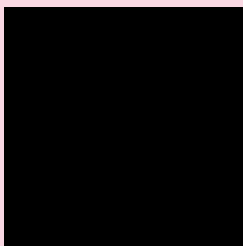
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4879, 74.7975, 83.0264

Background



This preview shows how black text looks on a background with the XYZ color 77.4879, 74.7975, 83.0264.



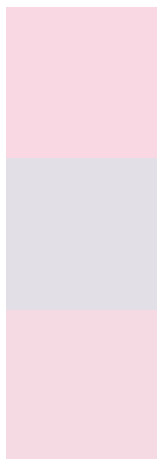
This preview shows how white text looks on a background with the XYZ color 77.4879, 74.7975,

83.0264.

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

77.4879, 74.7975, 83.0264

Protanopia

72.4900, 74.8758, 86.2331

Deuteranopia

76.3342, 74.5842, 83.0460



Tritanopia

78.2903, 74.7511, 86.6460

Trichromacy



Original Color

77.4879, 74.7975, 83.0264

Protanomaly

74.1371, 74.5617, 85.3473

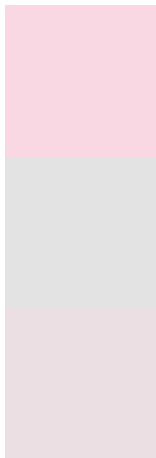
Deuteranomaly

76.6840, 74.7646, 83.0624

Tritanomaly

78.0077, 74.6380, 85.1580

Monochromacy



Original Color

77.4879, 74.7975, 83.0264

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.5138, 75.9836, 83.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4879, 74.7975, 83.0264 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(249, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(249, 216, 227)  
}
```

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(249, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 227) }
```

Border

The CSS property to change the border of an element to XYZ 77.4879, 74.7975, 83.0264 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(249, 216, 227) }
```


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

```
.border{ border-color:rgb(249, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4879, 74.7975, 83.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 227) }
```

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

```
.background{ background-color: rgb(249,  
216, 227) }
```

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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