

Converting Colors

XYZ(83.3969, 79.5273, 89.1076)

Have a look what the booklet for
XYZ(83.3969, 79.5273, 89.1076)
contains.

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Color

**XYZ(81.9477, 78.9134,
88.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDEA
RGB	255, 221, 234
RGB Percent	100%, 87%, 92%
CMY	0.0000, 0.1333, 0.0823
CMYK	0.00, 0.13, 0.08, 0.00
HSL	337°, 100%, 93%
HSV	337°, 13%, 100%
XYZ	81.9477, 78.9134, 88.7546
YIQ	232.6480, 16.0910, 11.2510

Conversions

Conversions Part 2

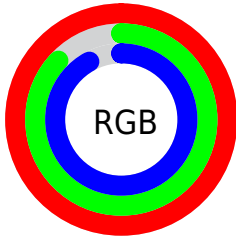
Format	Color
R _Y B	255, 221, 234
Decimal	16768490
CIE Lab	91.20, 13.84, -2.01
CIE LCh	91, 13.983, 351.743
Yxy	78.9134, 0.3283, 0.3161
Android (android.graphics.Color)	4294958570 (0xFFFFDDEA)
YUV	232.6480, 0.6665, 19.6027
Hunter-Lab	88.8332, 9.2062, 2.9457

Details

The XYZ color **81.9477, 78.9134, 88.7546** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6083, 93.3042, 97.7162**, and the grayscale version is **77.1758, 81.1950, 88.4213**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9608, 42.4926, 47.9517** is the 20% darker color. If you saturate the color by 10%, you get **73.5563, 65.5924, 75.2850**, and if you desaturate by 10%, it is **91.5665, 94.3664, 103.6281**.

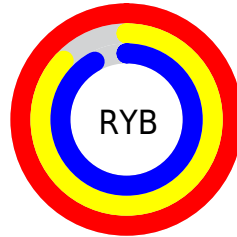
Distribution



Red (100%)

Green (87%)

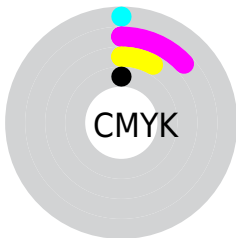
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

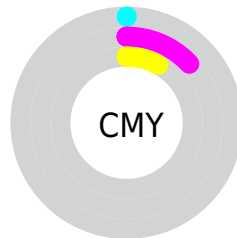


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.9477, 78.9134, 88.7546 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 81.9477, 78.9134, 88.7546 by changing the saturation by 10% instead.

 81.9477, 78.9134,
88.7546

 81.9477, 78.9134,
88.7546


490.1099,
491.2633, 544.4364

 61.6364, 58.8246,
66.3803


135.0369,
131.8369, 147.5276

 44.9934, 42.4719,
48.1228

168.5454,
165.4405, 184.7634

 31.6535, 29.4710,
33.5634


207.1838,
204.3177, 227.7902

 21.2513, 19.4374,
22.2838

251.3173,
248.8531, 277.0263

 13.4213, 11.9868,
13.8653

301.3113,
299.4309, 332.8905

 7.7983, 6.7347,
7.8893

357.5312,

 4.0169, 3.2967,

356.4356, 395.8012

3.9375

420.3422,
420.2516, 466.1770

■ 1.7117, 1.2885,
1.5911

■ 0.4636, 0.1323,
0.2845

■ 81.9477, 78.9134,
88.7546

■ 81.9477, 78.9134,
88.7546

■ 73.5563, 65.5924,
75.2850

■ 91.5665, 94.3664,
103.6281

■ 66.3356, 54.2996,
63.1715

95.0500, 100.0000,
108.9000

■ 60.2326, 44.9372,
52.3707

■ 55.1877, 37.3952,
42.8348

■ 51.1358, 31.5526,
34.5126

■ 48.0037, 27.2735,
27.3491

■ 45.7077, 24.4007,
21.2834

■ 44.1467, 22.7435,
16.2472

■ 43.4203, 22.1321,
13.4112

Harmonies

Analogous

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



80.4801, 78.9134, 98.5734



81.9477, 78.9134, 88.7546



81.5094, 78.9134, 78.8994

Triad

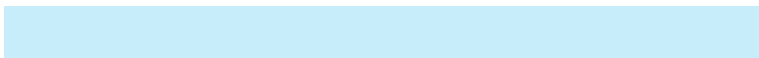
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9477, 78.9134, 88.7546



72.5104, 78.9134, 69.0517



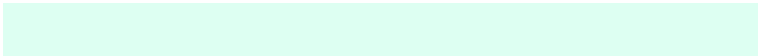
70.8669, 78.9134, 102.1651

Complementary

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



81.9477, 78.9134, 88.7546



81.6083, 93.3042, 97.7162

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.



68.8558, 78.9134, 93.3522



81.9477, 78.9134, 88.7546



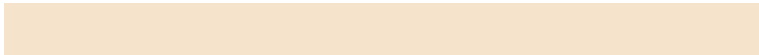
69.7837, 78.9134, 74.4045

Square

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



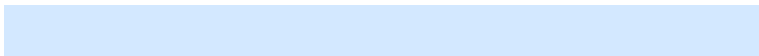
81.9477, 78.9134, 88.7546



75.9870, 78.9134, 68.0322



68.4656, 78.9134, 83.1528



74.0311, 78.9134, 106.7045

Rectangle

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



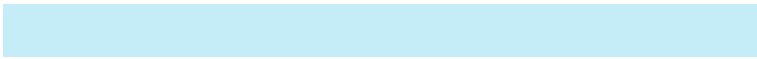
81.9477, 78.9134, 88.7546



80.2013, 78.9134, 73.5819



68.4656, 78.9134, 83.1528



70.0378, 78.9134, 99.5727

Sweetspot

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



81.9495, 78.9167, 88.7563



90.8839, 93.2647, 102.5886



80.5153, 77.8078, 105.3825



19.2901, 19.6998, 21.7097



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

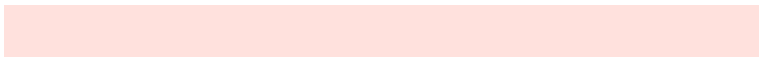
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9495, 78.9167, 88.7563



79.5917, 75.1562, 85.0255



81.2096, 80.3161, 79.6331



18.2967, 18.1020, 20.1796



22.7551, 11.5913, 7.3609



2.2669, 1.1491, 0.9868

Inverse Universe

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



81.9495, 78.9167, 88.7563



79.5917, 75.1562, 85.0255



82.3784, 91.6087, 107.9482



18.2967, 18.1020, 20.1796



22.7551, 11.5913, 7.3609



2.2669, 1.1491, 0.9868

Previews

White Background



This preview shows how the XYZ color 81.9477, 78.9134, 88.7546 looks on a white background.

Color Contrast Check

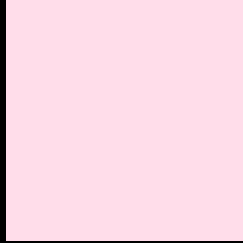
Large Text (above 18pt) WCAG AA × Fail

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 81.9477, 78.9134, 88.7546 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 81.9477, 78.9134, 88.7546

Background



This preview shows how black text looks on a background with the XYZ color 81.9477, 78.9134, 88.7546.



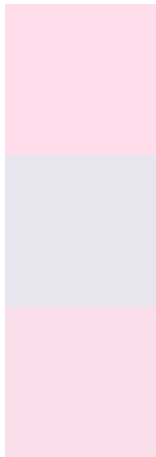
This preview shows how white text looks on a background with the XYZ color 81.9477, 78.9134,

88.7546.

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

81.9477, 78.9134, 88.7546

Protanopia

76.4069, 79.2006, 92.1491

Deuteranopia

80.6633, 79.0399, 88.8467



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

81.9477, 78.9134, 88.7546

Protanomaly

78.4176, 79.0324, 91.2425

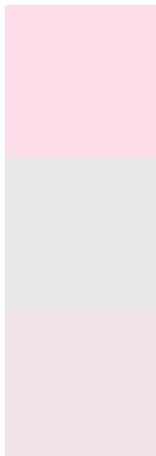
Deuteranomaly

81.1174, 78.8785, 88.7916

Tritanomaly

82.2368, 79.0290, 90.2767

Monochromacy



Original Color

81.9477, 78.9134, 88.7546

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.0029, 80.6226, 88.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9477, 78.9134, 88.7546 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, 221, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 234)  
}
```

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, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 234) }
```

Border

The CSS property to change the border of an element to XYZ 81.9477, 78.9134, 88.7546 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, 221, 234) }
```


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

```
.border{ border-color:rgb(255, 221, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9477, 78.9134, 88.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 234) }
```

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

```
.background{ background-color: rgb(255,  
221, 234) }
```

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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