

Converting Colors

XYZ(100.8355, 89.0660,
89.5512)

Have a look what the booklet for
XYZ(100.8355, 89.0660, 89.5512)
contains.

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Color

**XYZ(82.2126, 79.4431,
88.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEEA
RGB	255, 222, 234
RGB Percent	100%, 87%, 92%
CMY	0.0000, 0.1294, 0.0823
CMYK	0.00, 0.13, 0.08, 0.00
HSL	338°, 100%, 94%
HSV	338°, 13%, 100%
XYZ	82.2126, 79.4431, 88.8429
YIQ	233.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

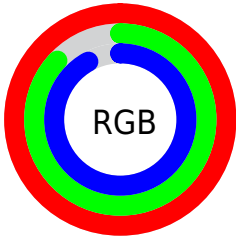
Format	Color
RYB	255, 222, 234
Decimal	16768746
CIELab	91.43, 13.32, -1.66
CIELCh	91, 13.421, 352.906
Yxy	79.4431, 0.3282, 0.3171
Android (android.graphics.Color)	4294958826 (0xFFFFDEEA)
YUV	233.2350, 0.3771, 19.0879
Hunter-Lab	89.1309, 8.6660, 3.2932

Details

The XYZ color **82.2126, 79.4431, 88.8429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0644, 93.5219, 98.5239**, and the grayscale version is **77.6196, 81.6619, 88.9298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1433, 42.8576, 48.0125** is the 20% darker color. If you saturate the color by 10%, you get **73.7194, 66.0186, 75.0311**, and if you desaturate by 10%, it is **91.9472, 95.0081, 104.1244**.

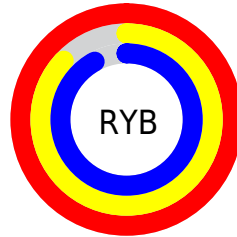
Distribution



Red (100%)

Green (87%)

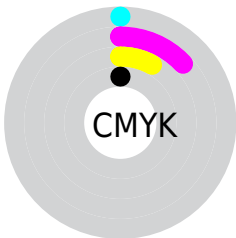
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

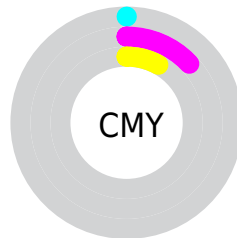


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2126, 79.4431, 88.8429 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 82.2126, 79.4431, 88.8429 by changing the saturation by 10% instead.


 82.2126, 79.4431,
88.8429

 82.2126, 79.4431,
88.8429


490.9823,
493.0541, 544.7323

 61.8555, 59.2602,
66.4531

135.4064,
132.5825, 147.6515

 45.1711, 42.8226,
48.1815

168.9737,
166.3077, 184.9074

 31.7941, 29.7460,
33.6096


207.6753,
205.3159, 227.9557

 21.3590, 19.6458,
22.3189

251.8763,
249.9913, 277.2149

 13.5007, 12.1379,
13.8909

301.9421,
300.7185, 333.1037

 7.8536, 6.8376,
7.9069

358.2381,

 4.0524, 3.3608,

357.8817, 396.0404

3.9485

421.1298,
421.8655, 466.4438

■ 1.7318, 1.3229,
1.5971

■ 0.4761, 0.1588,
0.2888

■ 82.2126, 79.4431,
88.8429

■ 82.2126, 79.4431,
88.8429

■ 73.7194, 66.0186,
75.0311

■ 91.9472, 95.0081,
104.1244

■ 66.4107, 54.6308,
62.6387

95.0500, 100.0000,
108.9000

■ 60.2331, 45.1819,
51.6195

■ 55.1266, 37.5622,
41.9228

■ 51.0258, 31.6509,
33.4946

■ 47.8571, 27.3124,
26.2764

■ 45.5368, 24.3905,
20.2040

■ 43.9637, 22.6957,
15.2053

■ 43.2029, 22.0452,
12.2667

Harmonies

Analogous

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



80.8672, 79.4431, 98.3432



82.2126, 79.4431, 88.8429



81.7188, 79.4431, 79.3860

Triad

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



82.2126, 79.4431, 88.8429



72.9816, 79.4431, 70.3103



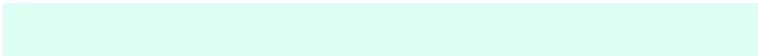
71.6174, 79.4431, 102.3816

Complementary

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



82.2126, 79.4431, 88.8429



82.0644, 93.5219, 98.5239

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.



69.6206, 79.4431, 94.0269



82.2126, 79.4431, 88.8429



70.3915, 79.4431, 75.6480

Square

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



82.2126, 79.4431, 88.8429



76.3220, 79.4431, 69.1506



69.1787, 79.4431, 84.1987



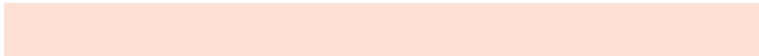
74.7004, 79.4431, 106.5327

Rectangle

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



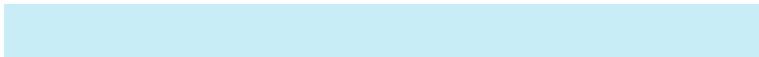
82.2126, 79.4431, 88.8429



80.4200, 79.4431, 74.3202



69.1787, 79.4431, 84.1987



70.8007, 79.4431, 99.9428

Sweetspot

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



82.2144, 79.4464, 88.8446



90.8542, 93.2528, 102.4321



81.1013, 78.5031, 105.4858



19.2826, 19.6968, 21.6701



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

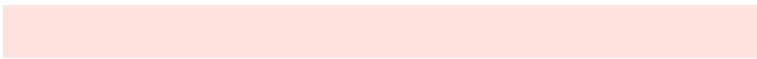
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2144, 79.4464, 88.8446



79.4848, 75.1134, 84.4623



81.7323, 81.1476, 80.4668



18.2823, 18.0962, 20.1037



22.6396, 11.5451, 6.7524



2.2546, 1.1442, 0.9220

Inverse Universe

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



82.2144, 79.4464, 88.8446



79.4848, 75.1134, 84.4623



82.5487, 91.4958, 107.9174



18.2823, 18.0962, 20.1037



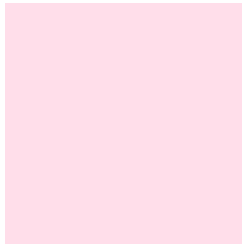
22.6396, 11.5451, 6.7524



2.2546, 1.1442, 0.9220

Previews

White Background



This preview shows how the XYZ color 82.2126, 79.4431, 88.8429 looks on a white background.

Color Contrast Check

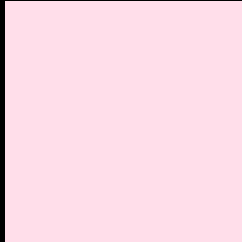
Large Text (above 18pt) WCAG AA × Fail

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 82.2126, 79.4431, 88.8429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

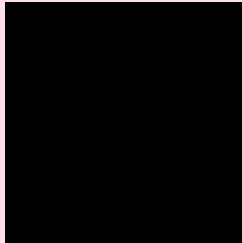
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2126, 79.4431, 88.8429

Background



This preview shows how black text looks on a background with the XYZ color 82.2126, 79.4431, 88.8429.

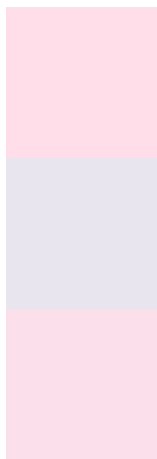


This preview shows how white text looks on a background with the XYZ color 82.2126, 79.4431,

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

82.2126, 79.4431, 88.8429

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

81.0226, 79.2251, 88.8635



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

82.2126, 79.4431, 88.8429

Protanomaly

78.4176, 79.0324, 91.2425

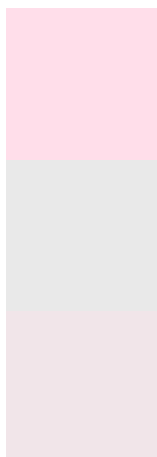
Deuteranomaly

81.3838, 79.4113, 88.8804

Tritanomaly

82.6473, 79.6170, 91.1324

Monochromacy



Original Color

82.2126, 79.4431, 88.8429

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 82.2126, 79.4431, 88.8429 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, 222, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 234) }
```

Border

The CSS property to change the border of an element to XYZ 82.2126, 79.4431, 88.8429 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, 222, 234) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2126, 79.4431, 88.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 234) }
```

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

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