

Converting Colors

XYZ(84.2424, 82.1074, 87.2959)

Have a look what the booklet for
XYZ(84.2424, 82.1074, 87.2959)
contains.

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Color

**XYZ(82.8602, 81.4222,
86.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E7
RGB	255, 226, 231
RGB Percent	100%, 89%, 91%
CMY	0.0000, 0.1137, 0.0941
CMYK	0.00, 0.11, 0.09, 0.00
HSL	350°, 100%, 94%
HSV	350°, 11%, 100%
XYZ	82.8602, 81.4222, 86.9502
YIQ	235.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

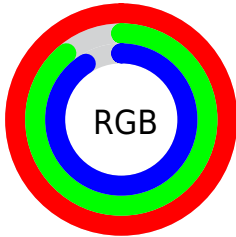
Format	Color
R_{YB}	255, 226, 231
Decimal	16769767
CIE _{Lab}	92.32, 10.75, 1.20
CIE _{LCh}	92, 10.820, 6.393
Yxy	81.4222, 0.3298, 0.3241
Android (android.graphics.Color)	4294959847 (0xFFFFE2E7)
YUV	235.2410, -2.0908, 17.3286
Hunter-Lab	90.2343, 6.0028, 6.0318

Details

The XYZ color **82.8602, 81.4222, 86.9502** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3819, 94.5921, 104.2567**, and the grayscale version is **79.1579, 83.2802, 90.6922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5895, 44.2267, 46.6912** is the 20% darker color. If you saturate the color by 10%, you get **73.6315, 67.4512, 70.0430**, and if you desaturate by 10%, it is **93.4832, 97.6060, 106.0979**.

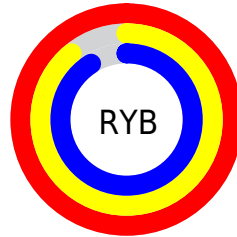
Distribution



Red (100%)

Green (89%)

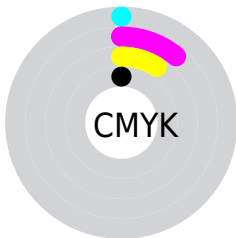
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

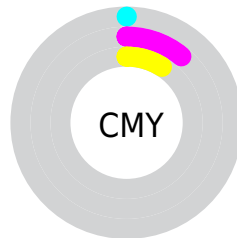


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8602, 81.4222, 86.9502 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 82.8602, 81.4222, 86.9502 by changing the saturation by 10% instead.


 82.8602, 81.4222,
86.9502

 82.8602, 81.4222,
86.9502


493.1115,
499.7129, 538.3712

 62.3914, 60.8894,
64.8946


136.3092,
135.3634, 144.9930

 45.6058, 44.1359,
46.9248

170.0200,
169.5406, 181.8172

 32.1382, 30.7774,
32.6223


208.8756,
209.0348, 224.4015

 21.6231, 20.4294,
21.5685

253.2412,
254.2302, 273.1642

 13.6953, 12.7075,
13.3449

303.4823,
305.5113, 328.5240

 7.9893, 7.2275,
7.5330

359.9641,

 4.1399, 3.6048,

363.2626, 390.8994

3.7141

423.0520,
427.8683, 460.7090

■ 1.7816, 1.4550,
1.4699

■ 0.5065, 0.2568,
0.1953

■ 82.8602, 81.4222,
86.9502

■ 82.8602, 81.4222,
86.9502

■ 73.6315, 67.4512,
70.0430

■ 93.4832, 97.6060,
106.0979

■ 65.7335, 55.5872,
55.2890

95.0500, 100.0000,
108.9000

■ 59.1060, 45.7307,
42.6026

■ 53.6817, 37.7701,
31.8908

■ 49.3869, 31.5831,
23.0530

■ 46.1401, 27.0327,
15.9798

■ 43.8481, 23.9622,
10.5499

■ 42.4007, 22.1835,
6.6263

■ 41.6934, 21.4414,
4.3178

Harmonies

Analogous

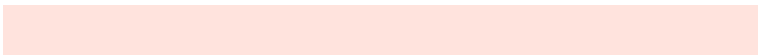
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4248, 81.4222, 94.9697



82.8602, 81.4222, 86.9502



81.8015, 81.4222, 79.8233

Triad

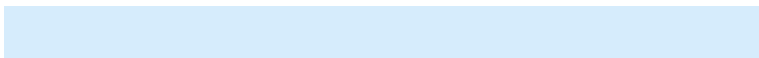
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8602, 81.4222, 86.9502



74.2408, 81.4222, 76.8211



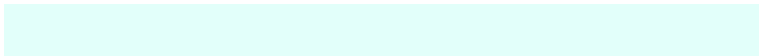
75.2547, 81.4222, 103.5368

Complementary

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



82.8602, 81.4222, 86.9502



84.3819, 94.5921, 104.2567

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.



73.1388, 81.4222, 98.1151



82.8602, 81.4222, 86.9502



72.5633, 81.4222, 82.6265

Square

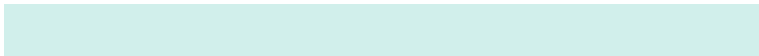
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8602, 81.4222, 86.9502



76.7918, 81.4222, 74.2069



72.1648, 81.4222, 90.3818



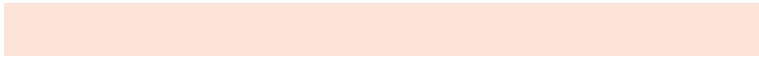
77.9900, 81.4222, 104.8662

Rectangle

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



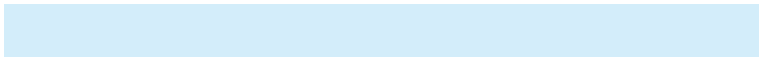
82.8602, 81.4222, 86.9502



80.4056, 81.4222, 76.4311



72.1648, 81.4222, 90.3818



74.4495, 81.4222, 102.1172

Sweetspot

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



82.8620, 81.4255, 86.9519



91.6550, 94.8147, 102.8217



84.5593, 81.8817, 105.9557



19.4284, 20.0051, 21.6679



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

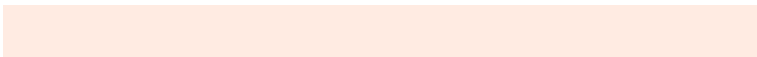
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8620, 81.4255, 86.9519



80.3021, 77.5406, 82.2917



84.7303, 86.2753, 84.1428



18.1371, 18.0381, 19.3390



21.8226, 11.2183, 2.4505



2.1584, 1.1058, 0.4158

Inverse Universe

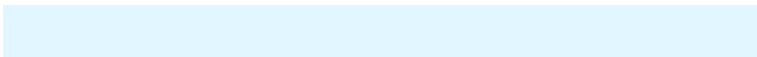
The Inverse Universe completely reimagines the original color for something new.



82.8620, 81.4255, 86.9519



80.3021, 77.5406, 82.2917



82.3165, 89.1909, 107.4848



18.1371, 18.0381, 19.3390



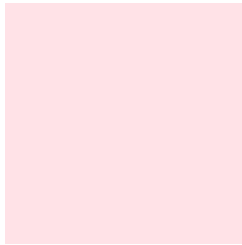
21.8226, 11.2183, 2.4505



2.1584, 1.1058, 0.4158

Previews

White Background



This preview shows how the XYZ color 82.8602, 81.4222, 86.9502 looks on a white background.

Color Contrast Check

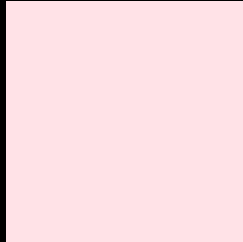
Large Text (above 18pt) WCAG AA × Fail

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 82.8602, 81.4222, 86.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

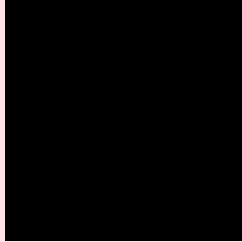
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

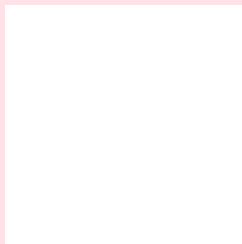
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8602, 81.4222, 86.9502

Background



This preview shows how black text looks on a background with the XYZ color 82.8602, 81.4222, 86.9502.



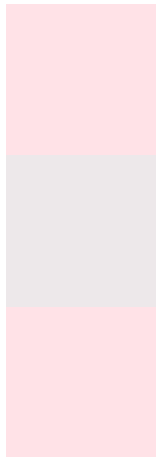
This preview shows how white text looks on a background with the XYZ color 82.8602, 81.4222,

86.9502.

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

82.8602, 81.4222, 86.9502

Protanopia

78.6329, 81.6583, 89.4591

Deuteranopia

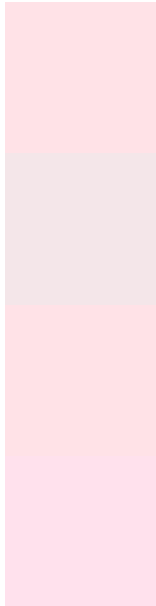
82.8602, 81.4222, 86.9502



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

82.8602, 81.4222, 86.9502

Protanomaly

80.3130, 81.7099, 88.6294

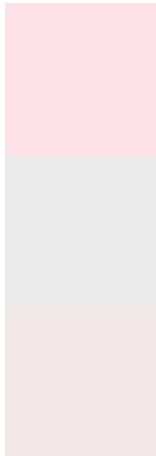
Deuteranomaly

82.8602, 81.4222, 86.9502

Tritanomaly

83.4513, 81.2249, 91.4004

Monochromacy



Original Color

82.8602, 81.4222, 86.9502

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.3258, 82.5310, 89.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8602, 81.4222, 86.9502 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, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 231)  
}
```

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, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.8602, 81.4222, 86.9502 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, 226, 231) }
```


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

```
.border{ border-color:rgb(255, 226, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8602, 81.4222, 86.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 231) }
```

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

```
.background{ background-color: rgb(255,  
226, 231) }
```

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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