

Converting Colors

XYZ(82.1874, 79.8555, 87.4138)

Have a look what the booklet for
XYZ(82.1874, 79.8555, 87.4138)
contains.

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Color

**XYZ(82.1932, 79.8615,
87.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE8
RGB	255, 223, 232
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1255, 0.0902
CMYK	0.00, 0.13, 0.09, 0.00
HSL	343°, 100%, 94%
HSV	343°, 13%, 100%
XYZ	82.1932, 79.8615, 87.4267
YIQ	233.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

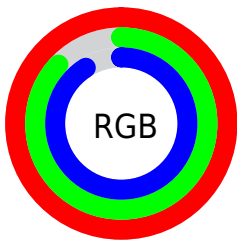
Format	Color
R _Y B	255, 223, 232
Decimal	16769000
CIE Lab	91.62, 12.47, -0.33
CIE LCh	92, 12.474, 358.463
Yxy	79.8615, 0.3295, 0.3201
Android (android.graphics.Color)	4294959080 (0xFFFFDFE8)
YUV	233.5940, -0.7858, 18.7731
Hunter-Lab	89.3653, 7.7852, 4.5518

Details

The XYZ color **82.1932, 79.8615, 87.4267** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.8284, 93.8630, 100.9441**, and the grayscale version is **77.8986, 81.9554, 89.2494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1278, 43.1456, 47.0237** is the 20% darker color. If you saturate the color by 10%, you get **73.4170, 66.2609, 72.3186**, and if you desaturate by 10%, it is **92.2705, 95.6292, 104.3106**.

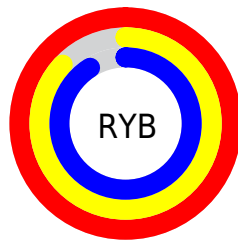
Distribution



Red (100%)

Green (87%)

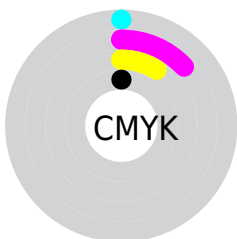
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)

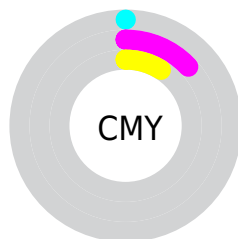


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1932, 79.8615, 87.4267 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 82.1932, 79.8615, 87.4267 by changing the saturation by 10% instead.


 82.1932, 79.8615,
87.4267

 82.1932, 79.8615,
87.4267


490.9184,
494.4660, 539.9765

 61.8394, 59.6044,
65.2867


135.3793,
133.1710, 145.6629

 45.1581, 43.0998,
47.2408


168.9424,
166.9922, 182.5961

 31.7838, 29.9635,
32.8704


207.6393,
206.1035, 225.2976

 21.3511, 19.8109,
21.7568

251.8353,
250.8893, 274.1858

 13.4948, 12.2576,
13.4817

301.8959,
301.7341, 329.6792

 7.8495, 6.9194,
7.6265

358.1864,

 4.0498, 3.4117,

359.0222, 392.1965

3.7726

421.0721,
423.1380, 462.1561

■ 1.7303, 1.3503,
1.5014

■ 0.4752, 0.1796,
0.2190

■ 82.1932, 79.8615,
87.4267

■ 82.1932, 79.8615,
87.4267

■ 73.4170, 66.2609,
72.3186

■ 92.2705, 95.6292,
104.3106

■ 65.8826, 54.7229,
58.9223

95.0500, 100.0000,
108.9000

■ 59.5339, 45.1488,
47.1774

■ 54.3084, 37.4283,
37.0177

■ 50.1374, 31.4397,
28.3725

■ 46.9446, 27.0467,
21.1651

■ 44.6426, 24.0925,
15.3116

■ 43.1270, 22.3875,
10.7176

■ 42.3999, 21.7239,
8.0377

Harmonies

Analogous

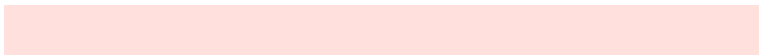
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2455, 79.8615, 96.4545



82.1932, 79.8615, 87.4267



81.4175, 79.8615, 78.8624

Triad

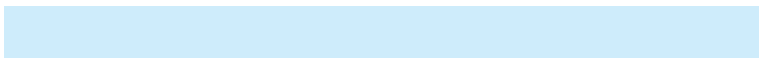
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1932, 79.8615, 87.4267



73.0248, 79.8615, 72.4316



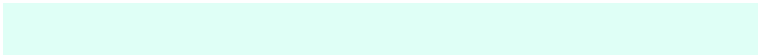
72.7480, 79.8615, 102.7753

Complementary

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



82.1932, 79.8615, 87.4267



82.8284, 93.8630, 100.9441

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.



70.6490, 79.8615, 95.5844



82.1932, 79.8615, 87.4267



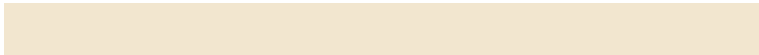
70.8056, 79.8615, 78.1017

Square

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



82.1932, 79.8615, 87.4267



76.0703, 79.8615, 70.5766



69.9478, 79.8615, 86.4862



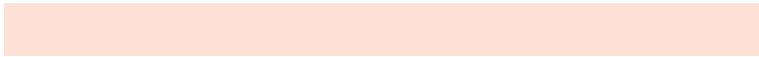
75.7419, 79.8615, 105.6908

Rectangle

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



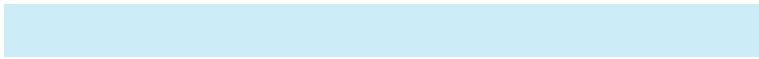
82.1932, 79.8615, 87.4267



80.0392, 79.8615, 74.4780



69.9478, 79.8615, 86.4862



71.9175, 79.8615, 100.7543

Sweetspot

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



82.1949, 79.8648, 87.4284



90.7237, 93.2006, 101.7449



82.4225, 79.5796, 105.6240



19.2496, 19.6837, 21.4966



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

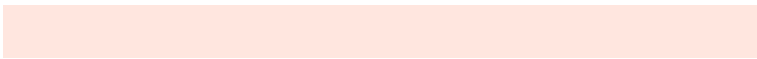
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1949, 79.8648, 87.4284



79.9234, 76.3309, 83.5597



82.8396, 83.1471, 81.4991



18.2193, 18.0710, 19.7719



22.2093, 11.3730, 4.4868



2.2067, 1.1251, 0.6699

Inverse Universe

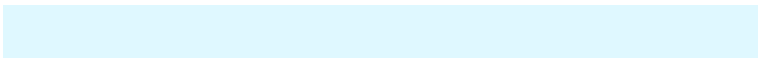
The Inverse Universe completely reimagines the original color for something new.



82.1949, 79.8648, 87.4284



79.9234, 76.3309, 83.5597



82.0715, 90.0855, 107.6703



18.2193, 18.0710, 19.7719



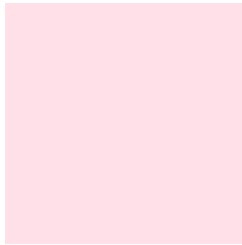
22.2093, 11.3730, 4.4868



2.2067, 1.1251, 0.6699

Previews

White Background



This preview shows how the XYZ color 82.1932, 79.8615, 87.4267 looks on a white background.

Color Contrast Check

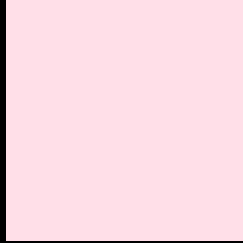
Large Text (above 18pt) WCAG AA × Fail

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 82.1932, 79.8615, 87.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

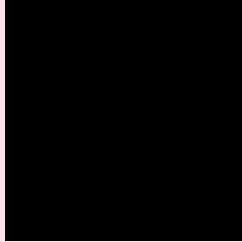
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1932, 79.8615, 87.4267

Background



This preview shows how black text looks on a background with the XYZ color 82.1932, 79.8615, 87.4267.



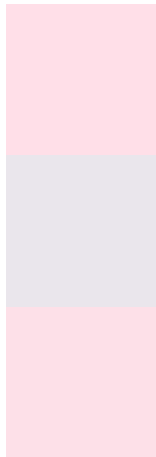
This preview shows how white text looks on a background with the XYZ color 82.1932, 79.8615,

87.4267.

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

82.1932, 79.8615, 87.4267

Protanopia

77.3688, 80.1422, 90.7481

Deuteranopia

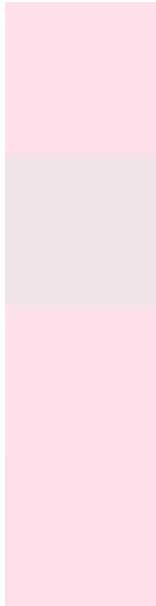
81.7292, 80.0202, 87.4818



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

82.1932, 79.8615, 87.4267

Protanomaly

79.0824, 79.8136, 89.8347

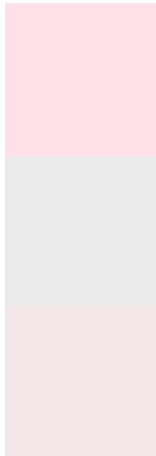
Deuteranomaly

82.0942, 80.2083, 87.4989

Tritanomaly

82.5016, 79.5587, 90.3649

Monochromacy



Original Color

82.1932, 79.8615, 87.4267

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.6227, 81.3541, 88.5971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1932, 79.8615, 87.4267 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, 223, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 232)  
}
```

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, 223, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 232) }
```

Border

The CSS property to change the border of an element to XYZ 82.1932, 79.8615, 87.4267 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, 223, 232) }
```


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

```
.border{ border-color:rgb(255, 223, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1932, 79.8615, 87.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 232) }
```

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

```
.background{ background-color: rgb(255,  
223, 232) }
```

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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