

Converting Colors

XYZ(82.7004, 81.7728, 84.8310)

Have a look what the booklet for
XYZ(82.7004, 81.7728, 84.8310)
contains.

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Color

**XYZ(82.7127, 81.7996,
84.8283)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFE3E4 |
| RGB | 255, 227, 228 |
| RGB Percent | 100%, 89%, 89% |
| CMY | 0.0000, 0.1098, 0.1059 |
| CMYK | 0.00, 0.11, 0.11, 0.00 |
| HSL | 358°, 100%, 95% |
| HSV | 358°, 11%, 100% |
| XYZ | 82.7127, 81.7996, 84.8283 |
| YIQ | 235.4860, 16.3670, 6.2470 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 227, 228 |
| Decimal | 16770020 |
| CIE Lab | 92.49, 9.75, 3.01 |
| CIE LCh | 92, 10.204, 17.184 |
| Yxy | 81.7996, 0.3317, 0.3281 |
| Android (android.graphics.Color) | 4294960100 (0xFFFFE3E4) |
| YUV | 235.4860, -3.6906, 17.1138 |
| Hunter-Lab | 90.4431, 4.9676, 7.7010 |

Details

The XYZ color **82.7127, 81.7996, 84.8283** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3306, 95.0079, 107.6106**, and the grayscale version is **79.3562, 83.4889, 90.9194**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5841, 44.5279, 45.7274** is the 20% darker color. If you saturate the color by 10%, you get **73.0731, 67.6009, 65.9524**, and if you desaturate by 10%, it is **93.8746, 98.2651, 106.6097**.

Distribution



Red (100%)

Green (89%)

Blue (89%)



Red (100%)

Yellow (89%)

Blue (89%)



Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7127, 81.7996, 84.8283 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 82.7127, 81.7996, 84.8283 by changing the saturation by 10% instead.

 82.7127, 81.7996,
84.8283

 82.7127, 81.7996,
84.8283

492.6270,
500.9771, 531.1895

 62.2693, 61.2004,
63.1502


136.1036,
135.8929, 142.0053

 45.5067, 44.3869,
45.5209

169.7818,
170.1558, 178.3412

 32.0597, 30.9748,
31.5220

208.6023,
209.7421, 220.4002

 21.5629, 20.5796,
20.7349

252.9305,
255.0360, 268.6008

 13.6509, 12.8171,
12.7410

303.1317,
306.4221, 323.3615

 7.9583, 7.3027,
7.1218

359.5713,

 4.1199, 3.6521,

364.2847, 385.1008

3.4588

422.6146,
429.0083, 454.2373

■ 1.7702, 1.4809,
1.3334

■ 0.4996, 0.2753,
0.0889

■ 82.7127, 81.7996,
84.8283

■ 82.7127, 81.7996,
84.8283

■ 73.0731, 67.6009,
65.9524

■ 93.8746, 98.2651,
106.6097

■ 64.8845, 55.5602,
49.8545

■ 95.0500, 100.0000,
108.9000

■ 58.0786, 45.5751,
36.4049

■ 52.5788, 37.5305,
25.4618

■ 48.3016, 31.3005,
16.8702

■ 45.1536, 26.7441,
10.4578

■ 43.0279, 23.6996,
6.0288

■ 41.7972, 21.9733,
3.3525

■ 41.2897, 21.2799,
2.1916

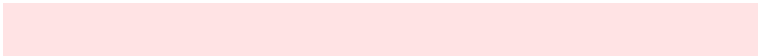
Harmonies

Analogous

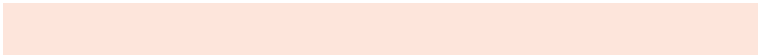
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8174, 81.7996, 92.3385



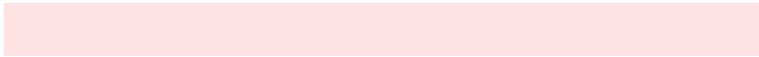
82.7127, 81.7996, 84.8283



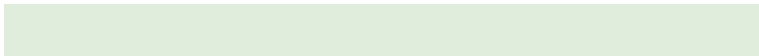
81.2589, 81.7996, 78.7954

Triad

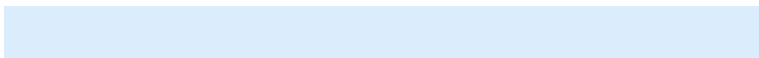
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7127, 81.7996, 84.8283



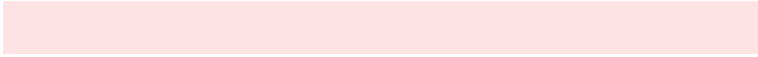
74.0740, 81.7996, 79.5217



76.6245, 81.7996, 104.0489

Complementary

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



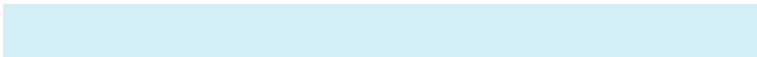
82.7127, 81.7996, 84.8283



85.3306, 95.0079, 107.6106

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.



74.3399, 81.7996, 100.1921



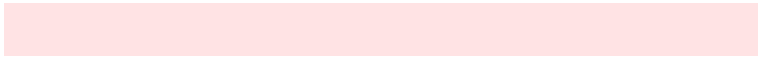
82.7127, 81.7996, 84.8283



72.8900, 81.7996, 85.8715

Square

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



82.7127, 81.7996, 84.8283



76.2540, 81.7996, 75.8531



72.9862, 81.7996, 93.4422



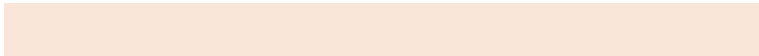
79.2615, 81.7996, 103.7303

Rectangle

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



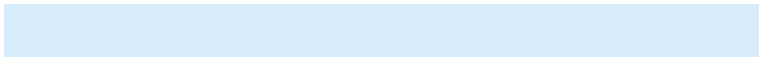
82.7127, 81.7996, 84.8283



79.7385, 81.7996, 76.2940



72.9862, 81.7996, 93.4422



75.7911, 81.7996, 103.1890

Sweetspot

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



82.7146, 81.8030, 84.8300



91.4926, 94.7497, 101.9662



86.2477, 83.1570, 106.1129



19.3848, 19.9876, 21.4381



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

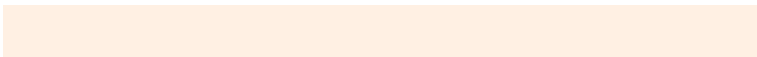
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7146, 81.8030, 84.8300



80.6446, 78.7522, 80.7828



86.1494, 88.8933, 85.2950



18.0356, 17.9975, 18.8044



21.5861, 11.1237, 1.2047



2.1106, 1.0866, 0.1636

Inverse Universe

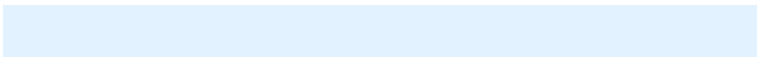
The Inverse Universe completely reimagines the original color for something new.



82.7146, 81.8030, 84.8300



80.6446, 78.7522, 80.7828



81.6026, 87.2961, 107.1567



18.0356, 17.9975, 18.8044



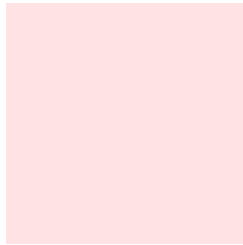
21.5861, 11.1237, 1.2047



2.1106, 1.0866, 0.1636

Previews

White Background



This preview shows how the XYZ color 82.7127, 81.7996, 84.8283 looks on a white background.

Color Contrast Check

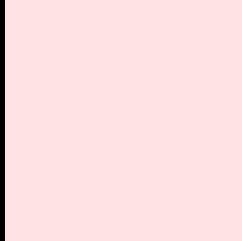
Large Text (above 18pt) WCAG AA × Fail

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 82.7127, 81.7996, 84.8283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

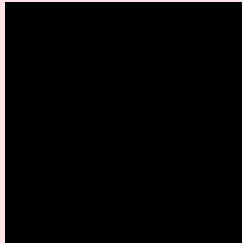
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

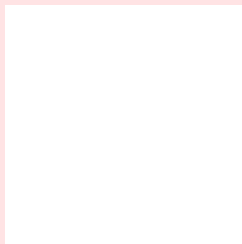
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.7127, 81.7996, 84.8283

Background



This preview shows how black text looks on a background with the XYZ color 82.7127, 81.7996, 84.8283.



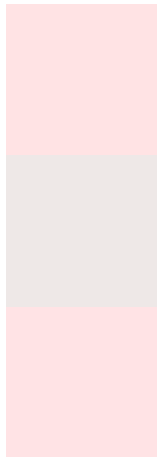
This preview shows how white text looks on a background with the XYZ color 82.7127, 81.7996,

84.8283.

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

82.7127, 81.7996, 84.8283

Protanopia

78.5403, 81.6599, 87.2237

Deuteranopia

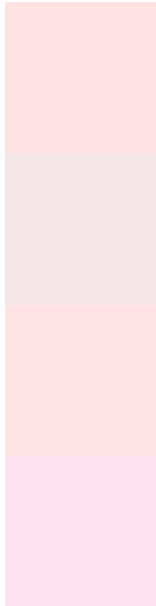
82.8519, 81.8553, 85.5616



Tritanopia

84.4634, 82.0635, 95.3925

Trichromacy



Original Color

82.7127, 81.7996, 84.8283

Protanomaly

79.8880, 81.5399, 86.3911

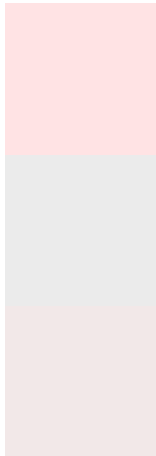
Deuteranomaly

82.8519, 81.8553, 85.5616

Tritanomaly

83.7224, 81.7671, 91.4908

Monochromacy



Original Color

82.7127, 81.7996, 84.8283

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.0401, 82.4167, 88.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7127, 81.7996, 84.8283 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, 227, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 228)  
}
```

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, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 228) }
```

Border

The CSS property to change the border of an element to XYZ 82.7127, 81.7996, 84.8283 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, 227, 228) }
```


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

```
.border{ border-color:rgb(255, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7127, 81.7996, 84.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 228) }
```

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

```
.background{ background-color: rgb(255,  
227, 228) }
```

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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