

Converting Colors

XYZ(82.7382, 80.4486, 97.8392)

Have a look what the booklet for
XYZ(82.7382, 80.4486, 97.8392)
contains.

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Color

**XYZ(82.5614, 80.2279,
97.5203)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FAE0F5 |
| RGB | 250, 224, 245 |
| RGB Percent | 98%, 88%, 96% |
| CMY | 0.0196, 0.1215, 0.0392 |
| CMYK | 0.00, 0.10, 0.02, 0.02 |
| HSL | 312°, 72%, 93% |
| HSV | 312°, 10%, 98% |
| XYZ | 82.5614, 80.2279, 97.5203 |
| YIQ | 234.1680, 8.7550, 12.0430 |

Conversions

Conversions Part 2

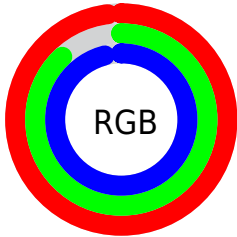
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 250, 224, 245 |
| Decimal | 16441589 |
| CIE Lab | 91.79, 12.47, -6.95 |
| CIE LCh | 92, 14.275, 330.884 |
| Yxy | 80.2279, 0.3172, 0.3082 |
| Android (android.graphics.Color) | 4294631669 (0xFFFAE0F5) |
| YUV | 234.1680, 5.3402, 13.8847 |
| Hunter-Lab | 89.5700, 7.7853, -1.8536 |

Details

The XYZ color **82.5614, 80.2279, 97.5203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0720, 89.8778, 87.3136**, and the grayscale version is **78.2921, 82.3694, 89.7003**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3656, 43.3875, 54.1277** is the 20% darker color. If you saturate the color by 10%, you get **75.6065, 67.4765, 91.6279**, and if you desaturate by 10%, it is **90.5279, 94.9695, 103.8459**.

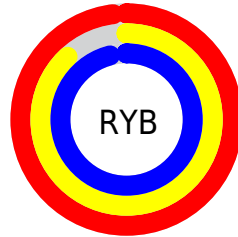
Distribution



Red (98%)

Green (88%)

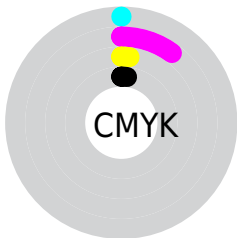
Blue (96%)



Red (98%)

Yellow (88%)

Blue (96%)

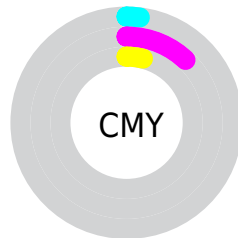


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5614, 80.2279, 97.5203 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 82.5614, 80.2279, 97.5203 by changing the saturation by 10% instead.


 82.5614, 80.2279,
97.5203

 82.5614, 80.2279,
97.5203

492.1297,
495.7005, 573.3915

 62.1441, 59.9059,
73.6260


135.8927,
133.6861, 159.7673

 45.4052, 43.3428,
53.9930


169.5374,
167.5911, 198.9571

 31.9793, 30.1542,
38.2029

208.3220,
206.7926, 244.0825

 21.5012, 19.9556,
25.8372

252.6117,
251.6749, 295.5619

 13.6054, 12.3628,
16.4772

302.7720,
302.6224, 353.8140

 7.9266, 6.9913,
9.7045

359.1682,

 4.0994, 3.4566,

360.0196, 419.2573

5.1004

422.1656,
424.2509, 492.3103

■ 1.7585, 1.3745,
2.2465

■ 0.4925, 0.1978,
0.7010

■ 82.5614, 80.2279,
97.5203

■ 82.5614, 80.2279,
97.5203

■ 75.6065, 67.4765,
91.6279

■ 90.5279, 94.9695,
103.8459

■ 69.6130, 56.6189,
86.1485

■ 93.1734, 99.0397,
108.4918

■ 64.5371, 47.5665,
81.0676

■ 93.2348, 99.0642,
108.8151

■ 60.3288, 40.2191,
76.3680

■ 56.9329, 34.4672,
72.0304

■ 54.2881, 30.1882,
68.0337

■ 52.3242, 27.2416,
64.3538

■ 50.9572, 25.4599,
60.9618

■ 50.0757, 24.5846,
57.9317

Harmonies

Analogous

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



79.9195, 80.2279, 105.7948



82.5614, 80.2279, 97.5203



83.5006, 80.2279, 87.0442

Triad

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



82.5614, 80.2279, 97.5203



76.1458, 80.2279, 68.7326



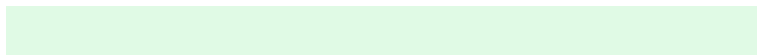
70.3795, 80.2279, 98.1006

Complementary

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



82.5614, 80.2279, 97.5203



79.0720, 89.8778, 87.3136

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.



69.4397, 80.2279, 87.6656



82.5614, 80.2279, 97.5203



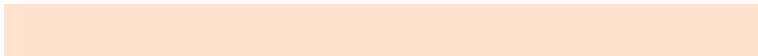
72.7028, 80.2279, 71.1922

Square

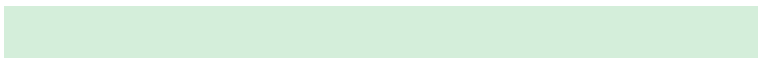
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



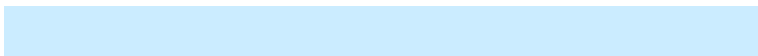
82.5614, 80.2279, 97.5203



79.7258, 80.2279, 70.9214



70.2767, 80.2279, 77.9210



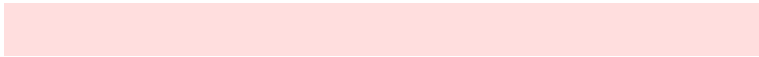
72.8849, 80.2279, 106.1482

Rectangle

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



82.5614, 80.2279, 97.5203



83.0118, 80.2279, 80.3730



70.2767, 80.2279, 77.9210



69.8737, 80.2279, 94.7291

Sweetspot

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



82.5637, 80.2314, 97.5220



92.4219, 95.1214, 106.8598



76.1531, 76.8372, 101.2610



19.6353, 20.0878, 22.7572



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

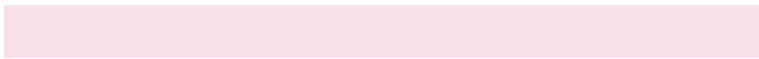
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5637, 80.2314, 97.5220



85.1200, 81.6333, 100.9867



80.6814, 79.4784, 87.6097



17.8415, 17.4640, 21.0210



26.6128, 13.0608, 30.9988



2.5003, 1.2239, 3.0579

Inverse Universe

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



82.5637, 80.2314, 97.5220



85.1200, 81.6333, 100.9867



80.9207, 90.6173, 97.0489



17.8415, 17.4640, 21.0210



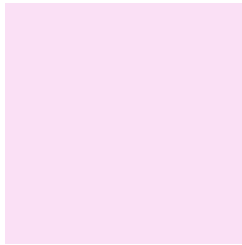
26.6128, 13.0608, 30.9988



2.5003, 1.2239, 3.0579

Previews

White Background



This preview shows how the XYZ color 82.5614, 80.2279, 97.5203 looks on a white background.

Color Contrast Check

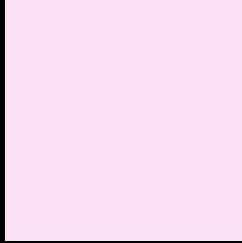
Large Text (above 18pt) WCAG AA × Fail

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 82.5614, 80.2279, 97.5203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

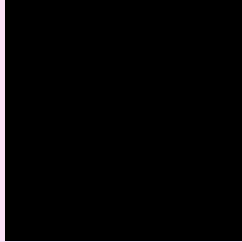
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5614, 80.2279, 97.5203

Background



This preview shows how black text looks on a background with the XYZ color 82.5614, 80.2279, 97.5203.



This preview shows how white text looks on a background with the XYZ color 82.5614, 80.2279,

97.5203.

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

82.5614, 80.2279, 97.5203

Protanopia

78.3507, 80.4221, 101.0160

Deuteranopia

82.1180, 80.3995, 97.5768



Tritanopia

82.1070, 80.0461, 95.1273

Trichromacy



Original Color

82.5614, 80.2279, 97.5203

Protanomaly

79.9466, 80.4413, 100.1200

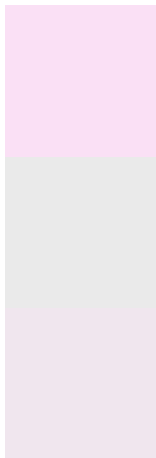
Deuteranomaly

82.4736, 80.5827, 97.5934

Tritanomaly

82.2577, 80.1064, 95.9206

Monochromacy



Original Color

82.5614, 80.2279, 97.5203

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.6646, 81.2919, 92.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5614, 80.2279, 97.5203 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(250, 224, 245) looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 245)  
}
```

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(250, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.5614, 80.2279, 97.5203 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(250, 224, 245) }
```


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

```
.border{ border-color:rgb(250, 224, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5614, 80.2279, 97.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 245) }
```

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

```
.background{ background-color: rgb(250,  
224, 245) }
```

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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