

Converting Colors

XYZ(81.7301, 78.9981, 96.3342)

Have a look what the booklet for XYZ(81.7301, 78.9981, 96.3342) contains.

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Color

**XYZ(81.8748, 79.0982,
96.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	FADEF4
RGB	250, 222, 244
RGB Percent	98%, 87%, 96%
CMY	0.0196, 0.1294, 0.0431
CMYK	0.00, 0.11, 0.02, 0.02
HSL	313°, 74%, 93%
HSV	313°, 11%, 98%
XYZ	81.8748, 79.0982, 96.5402
YIQ	232.8800, 9.6260, 12.7780

Conversions

Conversions Part 2

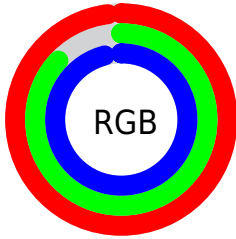
Format	Color
R _Y B	250, 222, 244
Decimal	16441076
CIE Lab	91.28, 13.34, -7.17
CIE LCh	91, 15.144, 331.722
Yxy	79.0982, 0.3179, 0.3072
Android (android.graphics.Color)	4294631156 (0xFFFADEF4)
YUV	232.8800, 5.4822, 15.0142
Hunter-Lab	88.9372, 8.6855, -2.1025

Details

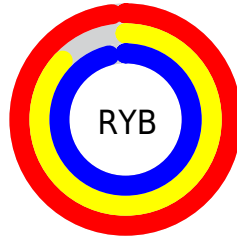
The XYZ color **81.8748, 79.0982, 96.5402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3165, 89.5045, 86.5515**, and the grayscale version is **77.3188, 81.3454, 88.5852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8881, 42.6057, 53.4348** is the 20% darker color. If you saturate the color by 10%, you get **74.9198, 66.4703, 90.2668**, and if you desaturate by 10%, it is **89.8425, 93.7115, 103.2698**.

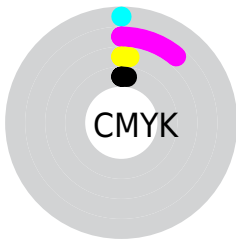
Distribution



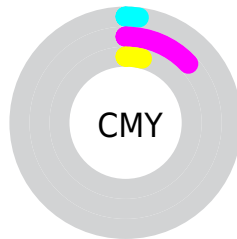
- Red (98%)
- Green (87%)
- Blue (96%)



- Red (98%)
- Yellow (87%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8748, 79.0982, 96.5402 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 81.8748, 79.0982, 96.5402 by changing the saturation by 10% instead.

81.8748, 79.0982,
96.5402

81.8748, 79.0982,
96.5402

489.8697,
491.8885, 570.1939

61.5761, 58.9766,
72.8136

134.9352,
132.0971, 158.4046

44.9446, 42.5942,
53.3327

168.4275,
165.7431, 197.3794

31.6149, 29.5669,
37.6789

207.0485,
204.6661, 242.2741

21.2216, 19.5101,
25.4336

251.1634,
249.2504, 293.5072

13.3995, 12.0394,
16.1785

301.1376,
299.8803, 351.4971

7.7831, 6.7705,
9.4948

357.3365,

4.0071, 3.3190,

356.9404, 416.6626

4.9641

420.1254,
420.8150, 489.4220

■ 1.7062, 1.3005,
2.1679

■ 0.4601, 0.1416,
0.6557

■ 81.8748, 79.0982,
96.5402

■ 81.8748, 79.0982,
96.5402

■ 74.9198, 66.4703,
90.2668

■ 89.8425, 93.7115,
103.2698

■ 68.9273, 55.7309,
84.4289

■ 93.1895, 99.0461,
108.5759

■ 63.8530, 46.7908,
79.0119

■ 93.2349, 99.0643,
108.8151

■ 59.6463, 39.5491,
73.9979

■ 56.2519, 33.8953,
69.3673

■ 53.6077, 29.7057,
65.0985

■ 51.6424, 26.8380,
61.1666

■ 50.2706, 25.1218,
57.5421

■ 49.4367, 24.3290,
54.5663

Harmonies

Analogous

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



79.1315, 79.0982, 105.4008



81.8748, 79.0982, 96.5402



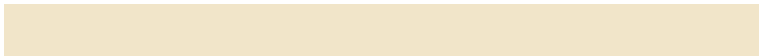
82.8079, 79.0982, 85.4905

Triad

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



81.8748, 79.0982, 96.5402



74.9588, 79.0982, 66.6630



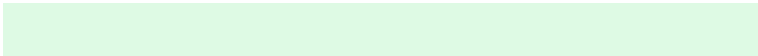
69.0709, 79.0982, 97.7329

Complementary

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



81.8748, 79.0982, 96.5402



78.3165, 89.5045, 86.5515

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.



68.0364, 79.0982, 86.7616



81.8748, 79.0982, 96.5402



71.3632, 79.0982, 69.3545

Square

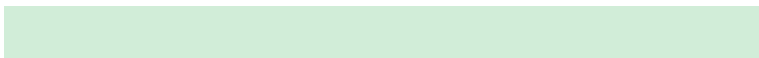
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



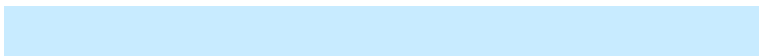
81.8748, 79.0982, 96.5402



78.7344, 79.0982, 68.8059



68.8614, 79.0982, 76.4863



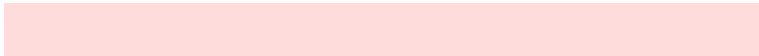
71.7351, 79.0982, 106.1296

Rectangle

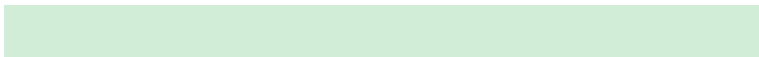
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8748, 79.0982, 96.5402



82.2533, 79.0982, 78.5302



68.8614, 79.0982, 76.4863



68.5252, 79.0982, 94.1932

Sweetspot

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



81.8771, 79.1016, 96.5419



92.3950, 95.1106, 106.7183



75.2481, 75.5773, 101.0657



19.6280, 20.0849, 22.7189



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

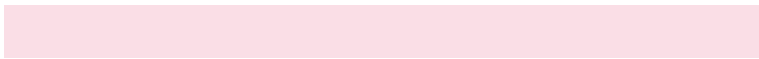
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8771, 79.1016, 96.5419



84.2485, 80.1937, 99.7603



79.8876, 78.3058, 86.0651



17.8244, 17.4571, 20.9310



26.2776, 12.9268, 29.2340



2.4720, 1.2125, 2.9091

Inverse Universe

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



81.8771, 79.1016, 96.5419



84.2485, 80.1937, 99.7603



80.2795, 90.2897, 96.8885



17.8244, 17.4571, 20.9310



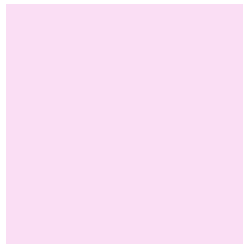
26.2776, 12.9268, 29.2340



2.4720, 1.2125, 2.9091

Previews

White Background



This preview shows how the XYZ color 81.8748, 79.0982, 96.5402 looks on a white background.

Color Contrast Check

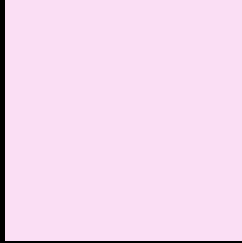
Large Text (above 18pt) WCAG AA × Fail

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 81.8748, 79.0982, 96.5402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

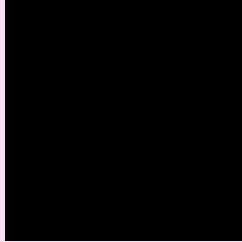
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8748, 79.0982, 96.5402

Background



This preview shows how black text looks on a background with the XYZ color 81.8748, 79.0982, 96.5402.



This preview shows how white text looks on a background with the XYZ color 81.8748, 79.0982,

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

81.8748, 79.0982, 96.5402

Protanopia

77.2757, 79.4739, 100.0741

Deuteranopia

80.7228, 78.8998, 96.5626



Tritanopia

81.1828, 79.2064, 93.4476

Trichromacy



Original Color

81.8748, 79.0982, 96.5402

Protanomaly

78.9099, 79.1126, 99.1070

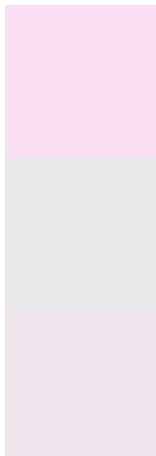
Deuteranomaly

81.0746, 79.0812, 96.5791

Tritanomaly

81.3318, 79.2660, 94.2323

Monochromacy



Original Color

81.8748, 79.0982, 96.5402

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.9020, 80.5038, 91.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8748, 79.0982, 96.5402 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, 222, 244)` looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 244)  
}
```

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, 222, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 244) }
```

Border

The CSS property to change the border of an element to XYZ 81.8748, 79.0982, 96.5402 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, 222, 244) }
```


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

```
.border{ border-color:rgb(250, 222, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8748, 79.0982, 96.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 244) }
```

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

```
.background{ background-color: rgb(250,  
222, 244) }
```

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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