

Converting Colors

XYZ(82.0313, 79.4645,
100.4164)

Have a look what the booklet for
XYZ(82.0313, 79.4645, 100.4164)
contains.

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Color

**XYZ(82.1980, 79.5714,
100.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DFF9
RGB	248, 223, 249
RGB Percent	97%, 87%, 98%
CMY	0.0274, 0.1255, 0.0235
CMYK	0.00, 0.10, 0.00, 0.02
HSL	298°, 68%, 93%
HSV	298°, 10%, 98%
XYZ	82.1980, 79.5714, 100.6490
YIQ	233.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

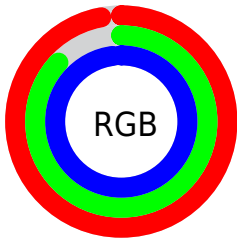
Format	Color
R_{YB}	248, 223, 249
Decimal	16310265
CIE _{Lab}	91.49, 13.04, -9.49
CIE _{LCh}	91, 16.131, 323.945
Yxy	79.5714, 0.3132, 0.3032
Android (android.graphics.Color)	4294500345 (0xFFFF8DFF9)
YUV	233.4390, 7.6716, 12.7700
Hunter-Lab	89.2028, 8.3781, -4.4559

Details

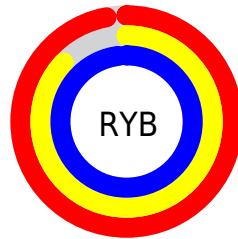
The XYZ color **82.1980, 79.5714, 100.6490** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.9383, 88.9284, 82.8732**, and the grayscale version is **77.7254, 81.7732, 89.0510**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3665, 43.0620, 56.3728** is the 20% darker color. If you saturate the color by 10%, you get **75.6907, 67.0583, 98.5779**, and if you desaturate by 10%, it is **89.6900, 94.0488, 103.0497**.

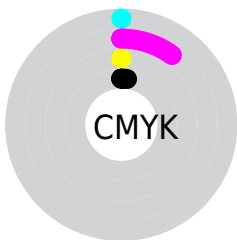
Distribution



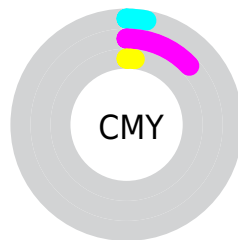
- Red (97%)
- Green (87%)
- Blue (98%)



- Red (97%)
- Yellow (87%)
- Blue (98%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1980, 79.5714, 100.6490 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 82.1980, 79.5714, 100.6490 by changing the saturation by 10% instead.

82.1980, 79.5714,
100.6490

82.1980, 79.5714,
100.6490

490.9342,
493.4873, 583.5359

61.8434, 59.3657,
76.2228

135.3860,
132.7630, 164.1084

45.1613, 42.9076,
56.1074

168.9501,
166.5177, 203.9787

31.7863, 29.8126,
39.8845

207.6482,
205.5575, 249.8340

21.3531, 19.6964,
27.1354

251.8455,
250.2668, 302.0930

13.4963, 12.1746,
17.4416

301.9073,
301.0301, 361.1741

7.8505, 6.8627,
10.3846

358.1992,

4.0504, 3.3764,

358.2316, 427.4959

5.5457

421.0864,
422.2559, 501.4770

■ 1.7307, 1.3312,
2.5066

■ 0.4754, 0.1652,
0.8437

■ 82.1980, 79.5714,
100.6490

■ 82.1980, 79.5714,
100.6490

■ 75.6907, 67.0583,
98.5779

■ 89.6900, 94.0488,
103.0497

■ 70.1186, 56.4142,
96.8170

■ 92.2536, 98.6683,
103.8063

■ 65.4383, 47.5511,
95.3530

■ 92.5975, 98.8455,
103.8224

■ 61.6003, 40.3701,
94.1692

■ 92.9431, 99.0237,
103.8385

58.5503, 34.7627,
93.2476

93.2904, 99.2028,
103.8548

56.2277, 30.6073,
92.5679

93.6395, 99.3827,
103.8711

54.5630, 27.7651,
92.1071

93.9904, 99.5636,
103.8875

53.4730, 26.0700,
91.8373

94.0991, 99.6196,
103.8926

52.8398, 25.2647,
91.7153

Harmonies

Analogous

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



78.8818, 79.5714, 109.0047



82.1980, 79.5714, 100.6490



83.7608, 79.5714, 89.0483

Triad

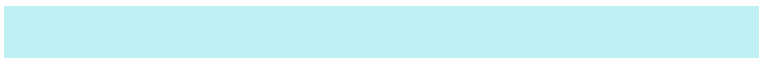
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1980, 79.5714, 100.6490



76.4666, 79.5714, 66.0335



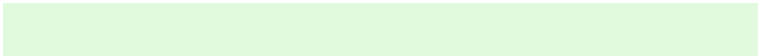
68.6379, 79.5714, 96.1497

Complementary

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



82.1980, 79.5714, 100.6490



77.9383, 88.9284, 82.8732

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.



68.0436, 79.5714, 84.2750



82.1980, 79.5714, 100.6490



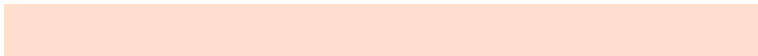
72.4693, 79.5714, 67.5644

Square

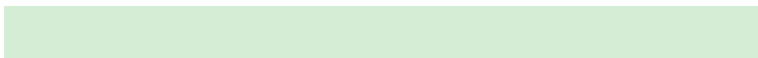
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



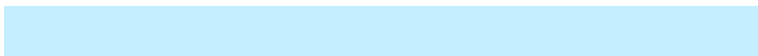
82.1980, 79.5714, 100.6490



80.3755, 79.5714, 69.6066



69.4220, 79.5714, 73.9947



71.0755, 79.5714, 106.2469

Rectangle

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



82.1980, 79.5714, 100.6490



83.5589, 79.5714, 81.3014



69.4220, 79.5714, 73.9947



68.2197, 79.5714, 92.2068

Sweetspot

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



82.2003, 79.5748, 100.6507



92.5498, 95.1601, 108.0976



74.2701, 76.0042, 100.3795



19.6699, 20.0983, 23.0926



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.



82.2003, 79.5748, 100.6507



84.9040, 80.4019, 105.6519



80.7871, 79.0506, 91.3537



17.9232, 17.4886, 21.8163



28.3131, 13.5386, 49.0945



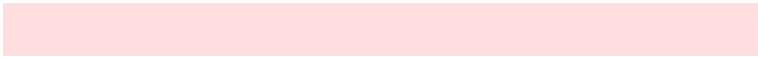
2.6423, 1.2642, 4.5479

Inverse Universe

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



78.9119, 78.3005, 81.4792



80.6576, 78.7573, 80.8508



79.2619, 89.4222, 91.4557



17.2717, 17.2360, 18.0203



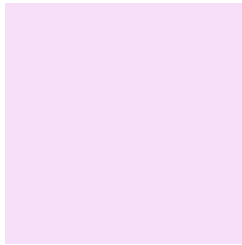
20.9517, 10.7964, 1.1880



1.9497, 1.0036, 0.1585

Previews

White Background



This preview shows how the XYZ color 82.1980, 79.5714, 100.6490 looks on a white background.

Color Contrast Check

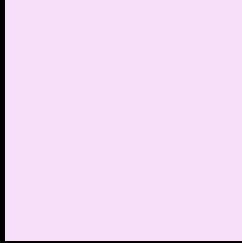
Large Text (above 18pt) WCAG AA × Fail

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 82.1980, 79.5714, 100.6490 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 82.1980, 79.5714, 100.6490

Background



This preview shows how black text looks on a background with the XYZ color 82.1980, 79.5714, 100.6490.



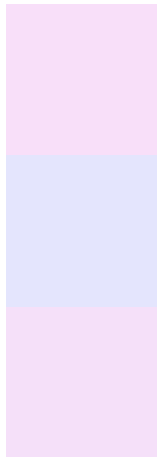
This preview shows how white text looks on a background with the XYZ color 82.1980, 79.5714,

100.6490.

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

82.1980, 79.5714, 100.6490

Protanopia

77.7438, 79.6245, 104.2000

Deuteranopia

81.4107, 79.5633, 100.6890



Tritanopia

81.0404, 79.4963, 95.0774

Trichromacy



Original Color

82.1980, 79.5714, 100.6490

Protanomaly

79.3007, 79.6286, 103.2857

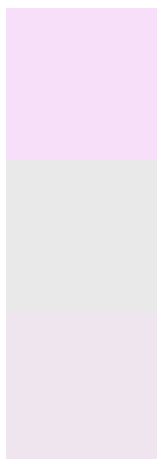
Deuteranomaly

81.7606, 79.7437, 100.7054

Tritanomaly

81.4949, 79.6780, 97.4704

Monochromacy



Original Color

82.1980, 79.5714, 100.6490

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.8592, 80.4478, 93.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1980, 79.5714, 100.6490 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(248, 223, 249)` looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 249)  
}
```

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(248, 223, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.1980, 79.5714, 100.6490 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(248, 223, 249) }
```


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

```
.border{ border-color:rgb(248, 223, 249) }
```

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

Here you see how a box with a 4 pixel rgb(248, 223, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 249);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1980, 79.5714, 100.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 249) }
```

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

```
.background{ background-color: rgb(248,  
223, 249) }
```

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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