

Converting Colors

XYZ(80.9726, 79.0063, 98.1945)

Have a look what the booklet for
XYZ(80.9726, 79.0063, 98.1945)
contains.

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Color

**XYZ(81.0283, 79.0220,
98.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DFF6
RGB	246, 223, 246
RGB Percent	96%, 87%, 96%
CMY	0.0353, 0.1255, 0.0353
CMYK	0.00, 0.09, 0.00, 0.04
HSL	300°, 56%, 92%
HSV	300°, 9%, 96%
XYZ	81.0283, 79.0220, 98.1709
YIQ	232.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

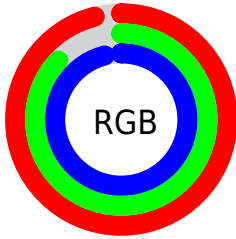
Format	Color
R _Y B	246, 223, 246
Decimal	16179190
CIE Lab	91.24, 11.84, -8.31
CIE LCh	91, 14.465, 324.937
Yxy	79.0220, 0.3138, 0.3060
Android (android.graphics.Color)	4294369270 (0xFF6DFF6)
YUV	232.4990, 6.6560, 11.8404
Hunter-Lab	88.8943, 7.1400, -3.2512

Details

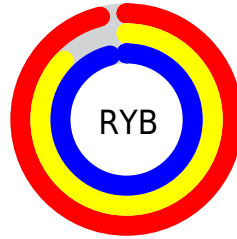
The XYZ color **81.0283, 79.0220, 98.1709** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.7095, 86.9295, 82.5523**, and the grayscale version is **77.0259, 81.0373, 88.2496**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5321, 42.6701, 54.6043** is the 20% darker color. If you saturate the color by 10%, you get **74.9283, 66.8208, 96.1383**, and if you desaturate by 10%, it is **88.0878, 93.1397, 100.5253**.

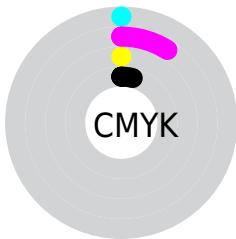
Distribution



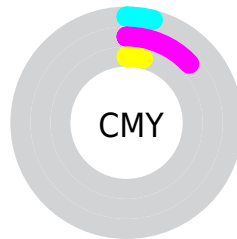
- Red (96%)
- Green (87%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0283, 79.0220, 98.1709 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 81.0283, 79.0220, 98.1709 by changing the saturation by 10% instead.

81.0283, 79.0220,
98.1709

81.0283, 79.0220,
98.1709

487.0755,
491.6308, 575.5088

60.8763, 58.9139,
74.1655

133.7535,
131.9898, 160.6712

44.3775, 42.5438,
54.4319

167.0573,
165.6184, 200.0032

31.1666, 29.5273,
38.5515

205.4758,
204.5225, 245.2811

20.8782, 19.4801,
26.1059

249.3743,
249.0866, 296.9235

13.1469, 12.0177,
16.6764

299.1182,
299.6951, 355.3490

7.6075, 6.7557,
9.8445

355.0727,

3.8945, 3.3098,

356.7323, 420.9760

5.1917

417.6034,
420.5828, 494.2231

■ 1.6426, 1.2955,
2.2995

■ 0.4200, 0.1377,
0.7309

■ 81.0283, 79.0220,
98.1709

■ 81.0283, 79.0220,
98.1709

■ 74.9283, 66.8208,
96.1383

■ 88.0878, 93.1397,
100.5253

■ 69.7398, 56.4439,
94.4085

■ 90.4015, 97.7671,
101.2967

■ 65.4212, 47.8068,
92.9688

■ 90.4016, 97.7671,
101.2970

■ 61.9249, 40.8144,
91.8031

■ 90.4016, 97.7671,
101.2972

59.1988, 35.3622,
90.8942

90.4017, 97.7672,
101.2975

57.1847, 31.3342,
90.2226

90.4017, 97.7672,
101.2977

55.8164, 28.5975,
89.7662

90.4018, 97.7672,
101.2980

55.0150, 26.9948,
89.4988

90.4018, 97.7672,
101.2983

54.6584, 26.2817,
89.3797

90.4019, 97.7672,
101.2985

Harmonies

Analogous

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



78.1202, 79.0220, 105.6813



81.0283, 79.0220, 98.1709



82.3524, 79.0220, 87.8358

Triad

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



81.0283, 79.0220, 98.1709



75.7320, 79.0220, 67.4542



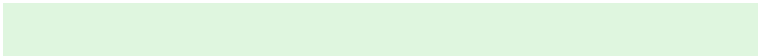
68.8943, 79.0220, 94.8392

Complementary

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



81.0283, 79.0220, 98.1709



76.7095, 86.9295, 82.5523

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.



68.3015, 79.0220, 84.2718



81.0283, 79.0220, 98.1709



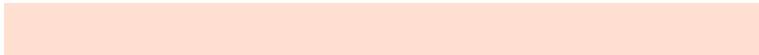
72.1743, 79.0220, 68.9994

Square

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



81.0283, 79.0220, 98.1709



79.2318, 79.0220, 70.5490



69.4834, 79.0220, 74.9548



71.1299, 79.0220, 103.6507

Rectangle

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



81.0283, 79.0220, 98.1709



82.1286, 79.0220, 80.9409



69.4834, 79.0220, 74.9548



68.4994, 79.0220, 91.3520

Sweetspot

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



81.0306, 79.0254, 98.1726



92.6579, 95.2158, 108.1026



73.4572, 75.1212, 97.8184



19.6992, 20.1134, 23.0939



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.



81.0306, 79.0254, 98.1726



86.7454, 83.3908, 106.1315



79.3196, 78.3410, 89.1626



17.2137, 16.7683, 20.8719



29.1648, 14.0094, 47.7036



2.5633, 1.2313, 4.1927

Inverse Universe

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



81.0306, 79.0254, 98.1726



86.7454, 83.3908, 106.1315



78.3132, 87.5710, 90.9972



17.2137, 16.7683, 20.8719



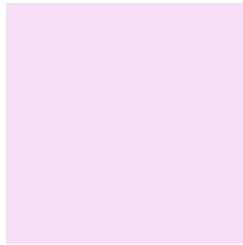
29.1648, 14.0094, 47.7036



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 81.0283, 79.0220, 98.1709 looks on a white background.

Color Contrast Check

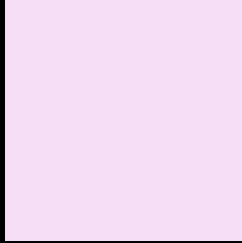
Large Text (above 18pt) WCAG AA × Fail

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 81.0283, 79.0220, 98.1709 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 81.0283, 79.0220, 98.1709

Background



This preview shows how black text looks on a background with the XYZ color 81.0283, 79.0220, 98.1709.



This preview shows how white text looks on a background with the XYZ color 81.0283, 79.0220,

98.1709.

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

81.0283, 79.0220, 98.1709

Protanopia

76.8372, 78.8203, 100.7866

Deuteranopia

80.6784, 78.8417, 98.1545



Tritanopia

80.1890, 79.0747, 94.2556

Trichromacy



Original Color

81.0283, 79.0220, 98.1709

Protanomaly

78.4006, 78.8322, 99.8909

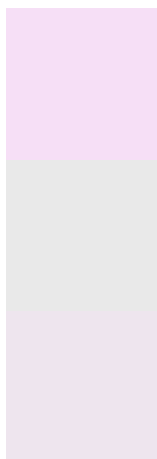
Deuteranomaly

80.6784, 78.8417, 98.1545

Tritanomaly

80.4895, 79.1949, 95.8379

Monochromacy



Original Color

81.0283, 79.0220, 98.1709

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.7118, 80.3888, 92.2570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0283, 79.0220, 98.1709 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(246, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 246)  
}
```

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(246, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 246) }
```

Border

The CSS property to change the border of an element to XYZ 81.0283, 79.0220, 98.1709 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(246, 223, 246) }
```


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

```
.border{ border-color:rgb(246, 223, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0283, 79.0220, 98.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 246) }
```

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

```
.background{ background-color: rgb(246,  
223, 246) }
```

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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