

Converting Colors

XYZ(81.0355, 79.0576, 88.8537)

Have a look what the booklet for
XYZ(81.0355, 79.0576, 88.8537)
contains.

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Color

**XYZ(81.0226, 79.2251,
88.8635)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDFEA
RGB	251, 223, 234
RGB Percent	98%, 87%, 92%
CMY	0.0157, 0.1255, 0.0823
CMYK	0.00, 0.11, 0.07, 0.02
HSL	336°, 78%, 93%
HSV	336°, 11%, 98%
XYZ	81.0226, 79.2251, 88.8635
YIQ	232.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

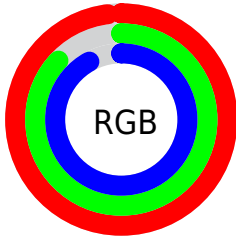
Format	Color
R _Y B	251, 223, 234
Decimal	16506858
CIE Lab	91.34, 11.43, -1.84
CIE LCh	91, 11.580, 350.850
Yxy	79.2251, 0.3252, 0.3180
Android (android.graphics.Color)	4294696938 (0xFFFBDFEA)
YUV	232.6260, 0.6774, 16.1140
Hunter-Lab	89.0085, 6.7201, 3.1125

Details

The XYZ color **81.0226, 79.2251, 88.8635** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6598, 90.9756, 95.7513**, and the grayscale version is **77.1610, 81.1794, 88.4044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2866, 42.6890, 48.0251** is the 20% darker color. If you saturate the color by 10%, you get **72.7112, 65.9564, 75.7507**, and if you desaturate by 10%, it is **90.5210, 94.5642, 103.3033**.

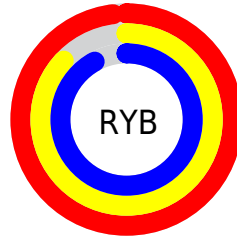
Distribution



Red (98%)

Green (87%)

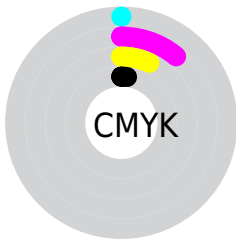
Blue (92%)



Red (98%)

Yellow (87%)

Blue (92%)

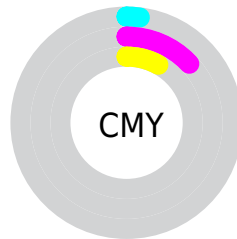


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0226, 79.2251, 88.8635 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 81.0226, 79.2251, 88.8635 by changing the saturation by 10% instead.


 81.0226, 79.2251,
88.8635

 81.0226, 79.2251,
88.8635


487.0566,
492.3175, 544.8013

 60.8716, 59.0809,
66.4700


133.7455,
132.2757, 147.6804

 44.3737, 42.6782,
48.1952


167.0481,
165.9509, 184.9410

 31.1636, 29.6327,
33.6204


205.4652,
204.9052, 227.9943

 20.8759, 19.5600,
22.3271

249.3622,
249.5231, 277.2589

 13.1452, 12.0756,
13.8969

299.1045,
300.1888, 333.1534

 7.6063, 6.7952,
7.9110

355.0575,

 3.8938, 3.3343,

357.2869, 396.0962

3.9511

417.5864,
421.2017, 466.5060

■ 1.6422, 1.3087,
1.5986

■ 0.4197, 0.1479,
0.2898

■ 81.0226, 79.2251,
88.8635

■ 81.0226, 79.2251,
88.8635

■ 72.7112, 65.9564,
75.7507

■ 90.5210, 94.5642,
103.3033

■ 65.5318, 54.6587,
63.9205

■ 93.5941, 99.2495,
108.8319

■ 59.4348, 45.2398,
53.3329

■ 54.3644, 37.5962,
43.9443

■ 50.2594, 31.6140,
35.7076

■ 47.0517, 27.1664,
28.5725

■ 44.6638, 24.1074,
22.4838

■ 43.0034, 22.2625,
17.3797

■ 42.0164, 21.4024,
13.6170

Harmonies

Analogous

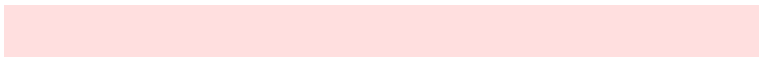
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7717, 79.2251, 96.8959



81.0226, 79.2251, 88.8635



80.7098, 79.2251, 80.6264

Triad

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



81.0226, 79.2251, 88.8635



73.3064, 79.2251, 71.9971



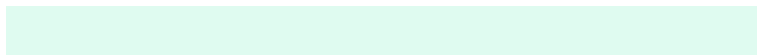
71.7873, 79.2251, 99.4401

Complementary

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



81.0226, 79.2251, 88.8635



80.6598, 90.9756, 95.7513

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.



70.1396, 79.2251, 92.1557



81.0226, 79.2251, 88.8635



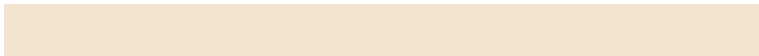
71.0007, 79.2251, 76.4373

Square

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



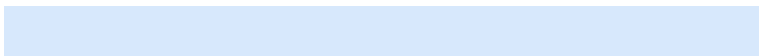
81.0226, 79.2251, 88.8635



76.2038, 79.2251, 71.2424



69.8555, 79.2251, 83.7131



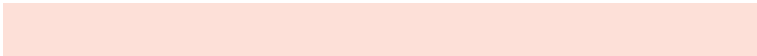
74.4055, 79.2251, 103.2584

Rectangle

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



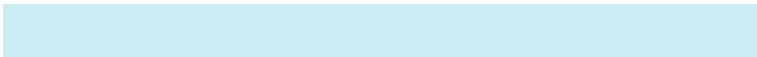
81.0226, 79.2251, 88.8635



79.6597, 79.2251, 76.0983



69.8555, 79.2251, 83.7131



71.1044, 79.2251, 97.2941

Sweetspot

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



81.0249, 79.2286, 88.8652



91.9189, 94.9202, 104.2111



79.6704, 78.2345, 102.1695



19.4995, 20.0335, 22.0418



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

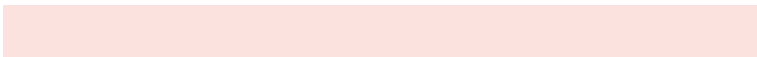
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0249, 79.2286, 88.8652



82.2981, 79.4136, 89.4897



80.2477, 80.1245, 81.0523



17.5269, 17.3381, 19.3644



22.1518, 11.2764, 7.5079



2.1021, 1.0646, 0.9609

Inverse Universe

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



81.0249, 79.2286, 88.8652



82.2981, 79.4136, 89.4897



81.4755, 89.9129, 104.3285



17.5269, 17.3381, 19.3644



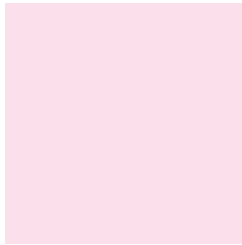
22.1518, 11.2764, 7.5079



2.1021, 1.0646, 0.9609

Previews

White Background



This preview shows how the XYZ color 81.0226, 79.2251, 88.8635 looks on a white background.

Color Contrast Check

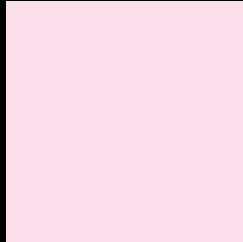
Large Text (above 18pt) WCAG AA × Fail

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 81.0226, 79.2251, 88.8635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

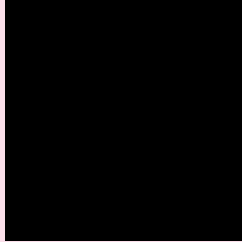
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0226, 79.2251, 88.8635

Background



This preview shows how black text looks on a background with the XYZ color 81.0226, 79.2251, 88.8635.

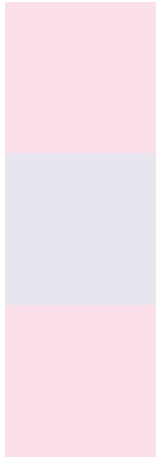


This preview shows how white text looks on a background with the XYZ color 81.0226, 79.2251,

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

81.0226, 79.2251, 88.8635

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

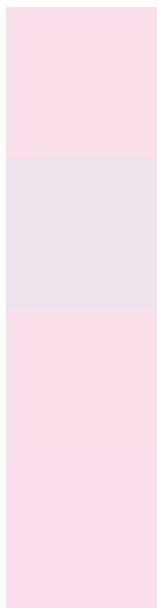
81.0226, 79.2251, 88.8635



Tritanopia

81.9943, 79.2293, 93.4093

Trichromacy



Original Color

81.0226, 79.2251, 88.8635

Protanomaly

78.3518, 79.4033, 91.3176

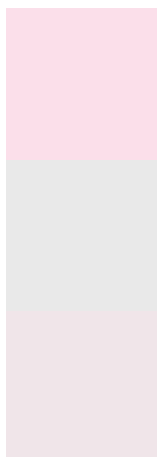
Deuteranomaly

81.0226, 79.2251, 88.8635

Tritanomaly

81.6988, 79.1110, 91.8529

Monochromacy



Original Color

81.0226, 79.2251, 88.8635

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.6625, 80.4471, 88.4727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0226, 79.2251, 88.8635 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(251, 223, 234) looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 234)  
}
```

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(251, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 234) }
```

Border

The CSS property to change the border of an element to XYZ 81.0226, 79.2251, 88.8635 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(251, 223, 234) }
```


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

```
.border{ border-color:rgb(251, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0226, 79.2251, 88.8635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 234) }
```

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

```
.background{ background-color: rgb(251,  
223, 234) }
```

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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