

Converting Colors

XYZ(81.3026, 79.6830, 92.7566)

Have a look what the booklet for
XYZ(81.3026, 79.6830, 92.7566)
contains.

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Color

**XYZ(81.3026, 79.6830,
92.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E0EF
RGB	249, 224, 239
RGB Percent	98%, 88%, 94%
CMY	0.0235, 0.1215, 0.0627
CMYK	0.00, 0.10, 0.04, 0.02
HSL	324°, 68%, 93%
HSV	324°, 10%, 98%
XYZ	81.3026, 79.6830, 92.7566
YIQ	233.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

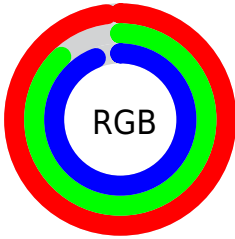
Format	Color
R _Y B	249, 224, 239
Decimal	16376047
CIE Lab	91.54, 11.09, -4.18
CIE LCh	92, 11.849, 339.363
Yxy	79.6830, 0.3204, 0.3140
Android (android.graphics.Color)	4294566127 (0xFF9E0EF)
YUV	233.1850, 2.8668, 13.8698
Hunter-Lab	89.2653, 6.3629, 0.8768

Details

The XYZ color **81.3026, 79.6830, 92.7566** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4705, 89.5414, 90.9409**, and the grayscale version is **77.5671, 81.6066, 88.8696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4734, 43.0013, 50.7558** is the 20% darker color. If you saturate the color by 10%, you get **73.6636, 66.6948, 83.1487**, and if you desaturate by 10%, it is **90.0072, 94.6705, 103.1219**.

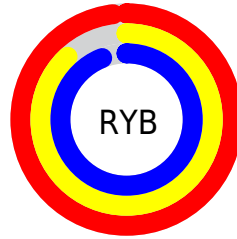
Distribution



Red (98%)

Green (88%)

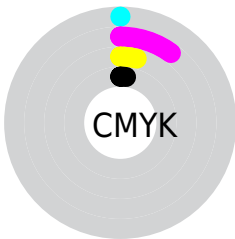
Blue (94%)



Red (98%)

Yellow (88%)

Blue (94%)

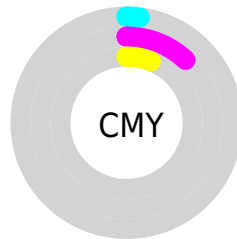


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3026, 79.6830, 92.7566 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 81.3026, 79.6830, 92.7566 by changing the saturation by 10% instead.

81.3026, 79.6830,
92.7566

81.3026, 79.6830,
92.7566

487.9819,
493.8639, 557.7576

61.1030, 59.4575,
69.6827

134.1365,
132.9200, 153.1304

44.5611, 42.9815,
50.7927

167.5015,
166.7002, 191.2673

31.3117, 29.8706,
35.6681

205.9857,
205.7676, 235.2623

20.9893, 19.7404,
23.8903

249.9545,
250.5063, 285.5340

13.2286, 12.2065,
15.0408

299.7731,
301.3010, 342.5008

7.6642, 6.8845,
8.7011

355.8069,

3.9308, 3.3900,

358.5358, 406.5813

4.4526

418.4214,
422.5953, 478.1940

■ 1.6631, 1.3385,
1.8768

■ 0.4330, 0.1708,
0.4779

■ 81.3026, 79.6830,
92.7566

■ 81.3026, 79.6830,
92.7566

■ 73.6636, 66.6948,
83.1487

■ 90.0072, 94.6705,
103.1219

■ 67.0397, 55.6101,
74.2721

■ 92.8775, 98.8800,
108.7983

■ 61.3863, 46.3408,
66.1063

■ 56.6527, 38.7878,
58.6277

■ 52.7835, 32.8422,
51.8109

■ 49.7169, 28.3827,
45.6283

■ 47.3822, 25.2707,
40.0490

■ 45.6957, 23.3408,
35.0376

■ 44.5230, 22.3222,
30.5566

Harmonies

Analogous

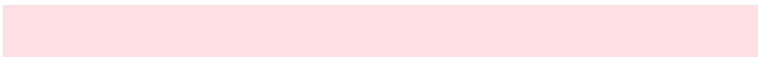
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4799, 79.6830, 100.2671



81.3026, 79.6830, 92.7566



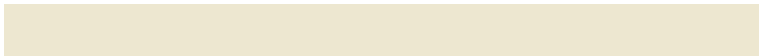
81.6126, 79.6830, 84.0831

Triad

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



81.3026, 79.6830, 92.7566



74.7953, 79.6830, 71.3625



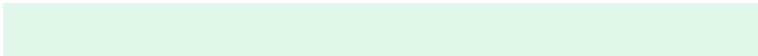
71.3341, 79.6830, 97.7441

Complementary

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



81.3026, 79.6830, 92.7566



79.4705, 89.5414, 90.9409

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.



70.1491, 79.6830, 89.4956



81.3026, 79.6830, 92.7566



72.1121, 79.6830, 74.5262

Square

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



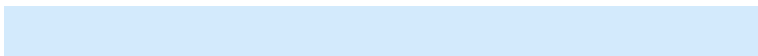
81.3026, 79.6830, 92.7566



77.8018, 79.6830, 72.1075



70.4300, 79.6830, 81.0300



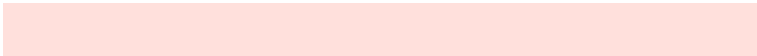
73.7077, 79.6830, 103.2768

Rectangle

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



81.3026, 79.6830, 92.7566



80.9117, 79.6830, 78.8580



70.4300, 79.6830, 81.0300



70.7865, 79.6830, 95.1756

Sweetspot

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



81.3049, 79.6865, 92.7583



92.1690, 95.0202, 105.5281



77.6893, 77.6471, 100.5166



19.5669, 20.0605, 22.3971



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

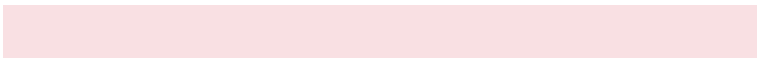
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3049, 79.6865, 92.7583



84.1444, 81.2430, 95.8490



79.5216, 78.9732, 83.3677



17.6819, 17.4001, 20.1804



23.9042, 11.9774, 16.7359



2.2663, 1.1303, 1.8257

Inverse Universe

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



81.3049, 79.6865, 92.7583



84.1444, 81.2430, 95.8490



81.3301, 90.2853, 100.7336



17.6819, 17.4001, 20.1804



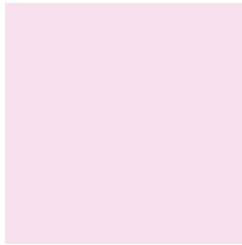
23.9042, 11.9774, 16.7359



2.2663, 1.1303, 1.8257

Previews

White Background



This preview shows how the XYZ color 81.3026, 79.6830, 92.7566 looks on a white background.

Color Contrast Check

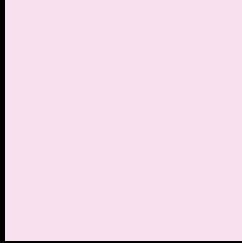
Large Text (above 18pt) WCAG AA × Fail

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 81.3026, 79.6830, 92.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

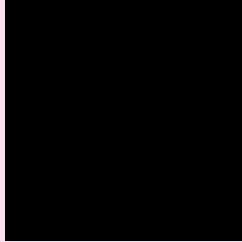
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3026, 79.6830, 92.7566

Background



This preview shows how black text looks on a background with the XYZ color 81.3026, 79.6830, 92.7566.



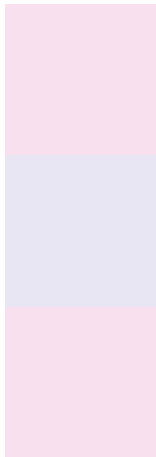
This preview shows how white text looks on a background with the XYZ color 81.3026, 79.6830,

92.7566.

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

81.3026, 79.6830, 92.7566

Protanopia

77.6025, 80.1602, 95.3868

Deuteranopia

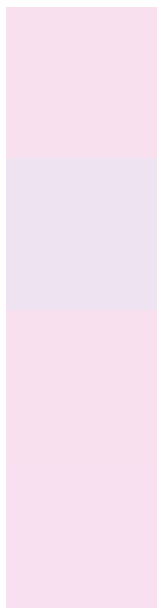
81.3026, 79.6830, 92.7566



Tritanopia

81.5998, 79.8019, 94.3216

Trichromacy



Original Color

81.3026, 79.6830, 92.7566

Protanomaly

78.8805, 80.0148, 94.5060

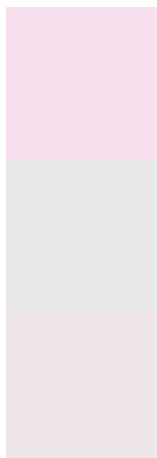
Deuteranomaly

81.3026, 79.6830, 92.7566

Tritanomaly

81.4508, 79.7423, 93.5370

Monochromacy



Original Color

81.3026, 79.6830, 92.7566

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.8888, 80.9425, 90.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3026, 79.6830, 92.7566 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(249, 224, 239) looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 239)  
}
```

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(249, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.3026, 79.6830, 92.7566 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(249, 224, 239) }
```


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

```
.border{ border-color:rgb(249, 224, 239) }
```

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

Here you see how a box with a 4 pixel rgb(249, 224, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3026, 79.6830, 92.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 224, 239) }
```

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

```
.background{ background-color: rgb(249,  
224, 239) }
```

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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