

Converting Colors

XYZ(80.9502, 82.7783, 79.3603)

Have a look what the booklet for
XYZ(80.9502, 82.7783, 79.3603)
contains.

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Color

**XYZ(80.9185, 82.6431,
79.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE7DC
RGB	250, 231, 220
RGB Percent	98%, 91%, 86%
CMY	0.0196, 0.0941, 0.1372
CMYK	0.00, 0.08, 0.12, 0.02
HSL	22°, 75%, 92%
HSV	22°, 12%, 98%
XYZ	80.9185, 82.6431, 79.3970
YIQ	235.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

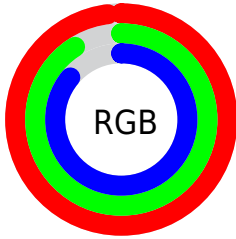
Format	Color
R _Y B	250, 237, 220
Decimal	16443356
CIE Lab	92.86, 4.67, 7.67
CIE LCh	93, 8.980, 58.665
Yxy	82.6431, 0.3331, 0.3402
Android (android.graphics.Color)	4294633436 (0xFFFAE7DC)
YUV	235.4270, -7.6055, 12.7805
Hunter-Lab	90.9083, -0.2045, 11.8534

Details

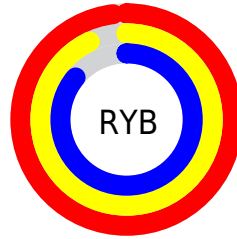
The XYZ color **80.9185, 82.6431, 79.3970** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.6367, 83.8491, 102.5359**, and the grayscale version is **79.3412, 83.4731, 90.9022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1138, 44.7140, 41.9029** is the 20% darker color. If you saturate the color by 10%, you get **73.6206, 72.9551, 61.8322**, and if you desaturate by 10%, it is **89.1169, 93.3379, 99.7067**.

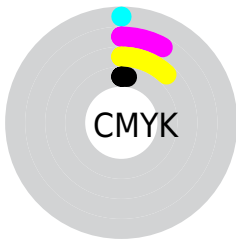
Distribution



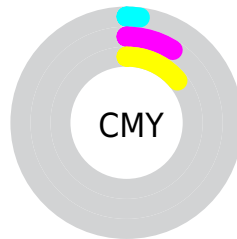
- Red (98%)
- Green (91%)
- Blue (86%)



- Red (98%)
- Yellow (93%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9185, 82.6431, 79.3970 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 80.9185, 82.6431, 79.3970 by changing the saturation by 10% instead.


 80.9185, 82.6431,
79.3970

 80.9185, 82.6431,
79.3970


486.7124,
503.7963, 512.5514

 60.7855, 61.8958,
58.6990


133.6001,
137.0755, 134.3213

 44.3040, 44.9485,
41.9525


166.8794,
171.5293, 169.3848

 31.1085, 31.4168,
28.7388


205.2716,
211.3208, 210.0738

 20.8337, 20.9165,
18.6394

249.1419,
256.8343, 256.8069

 13.1143, 13.0630,
11.2359

298.8558,
308.4542, 310.0027

 7.5848, 7.4719,
6.1095

354.7787,

 3.8800, 3.7589,

366.5649, 370.0797

2.8419

417.2757,
431.5508, 437.4564

■ 1.6345, 1.5397,
1.0145

■ 0.4147, 0.3164,
0.0000

■ 80.9185, 82.6431,
79.3970

■ 80.9185, 82.6431,
79.3970

■ 73.6206, 72.9551,
61.8322

■ 89.1169, 93.3379,
99.7067

■ 67.1838, 64.2331,
46.8882

■ 93.2347, 99.0642,
108.8150

■ 61.5760, 56.4493,
34.4390

■ 56.7600, 49.5703,
24.3462

■ 52.6955, 43.5608,
16.4575

■ 49.3384, 38.3827,
10.6027

■ 46.6388, 33.9945,
6.5862

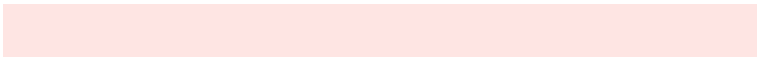
■ 44.5385, 30.3498,
4.1725

■ 43.2263, 27.9275,
3.1123

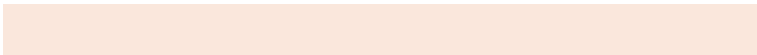
Harmonies

Analogous

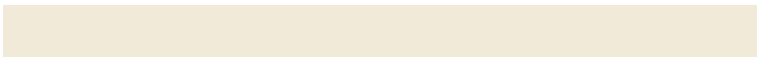
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5737, 82.6431, 83.9298



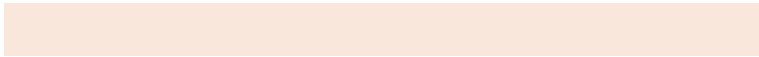
80.9185, 82.6431, 79.3970



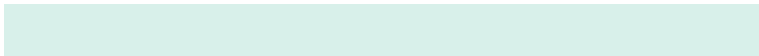
78.6549, 82.6431, 77.6797

Triad

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



80.9185, 82.6431, 79.3970



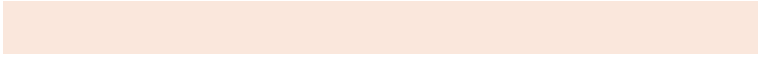
74.1269, 82.6431, 89.6837



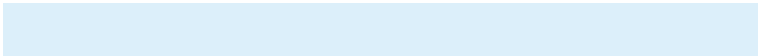
80.7330, 82.6431, 101.7996

Complementary

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



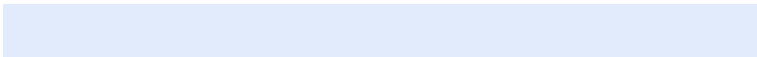
80.9185, 82.6431, 79.3970



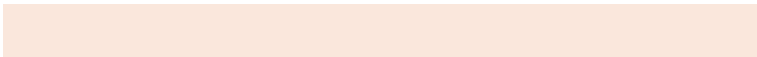
77.6367, 83.8491, 102.5359

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.



78.4448, 82.6431, 103.5241



80.9185, 82.6431, 79.3970



74.6588, 82.6431, 96.3232

Square

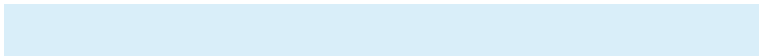
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9185, 82.6431, 79.3970



74.7604, 82.6431, 83.4333



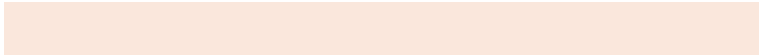
76.2278, 82.6431, 101.4732



82.4651, 82.6431, 96.8695

Rectangle

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



80.9185, 82.6431, 79.3970



77.1153, 82.6431, 78.2940



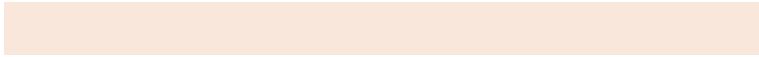
76.2278, 82.6431, 101.4732



80.0020, 82.6431, 102.7839

Sweetspot

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



80.9208, 82.6468, 79.3988



91.4251, 95.3087, 99.8040



80.5985, 77.7435, 92.4203



19.4265, 20.2152, 21.0074



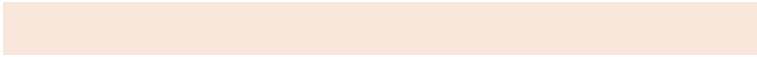
0.0000, 0.0000, 0.0000



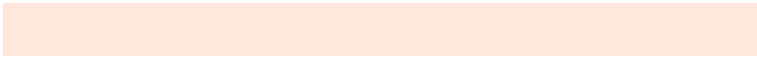
20.3446, 21.4041, 23.3091

Same Dimension

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



80.9208, 82.6468, 79.3988



83.0338, 84.3264, 79.1254



85.2993, 91.4037, 80.8583



17.7660, 18.2678, 18.0521



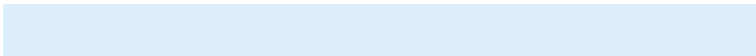
23.0535, 15.0637, 1.6925



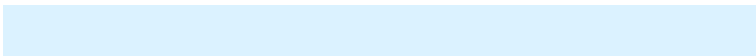
2.2324, 1.5896, 0.1892

Inverse Universe

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



77.6367, 83.8491, 102.5359



79.0775, 85.7741, 106.9960



73.4273, 75.4303, 101.1327



17.1993, 18.4754, 22.0449



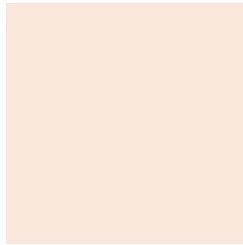
15.8070, 16.9696, 50.4159



1.5651, 1.7738, 4.7031

Previews

White Background



This preview shows how the XYZ color 80.9185, 82.6431, 79.3970 looks on a white background.

Color Contrast Check

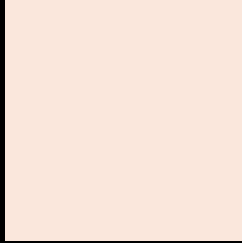
Large Text (above 18pt) WCAG AA × Fail

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 80.9185, 82.6431, 79.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

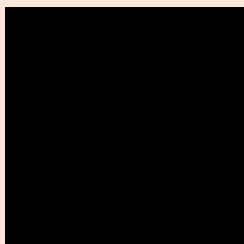
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

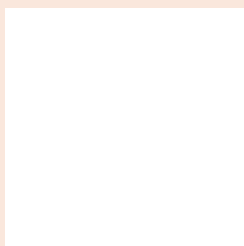
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9185, 82.6431, 79.3970

Background



This preview shows how black text looks on a background with the XYZ color 80.9185, 82.6431, 79.3970.



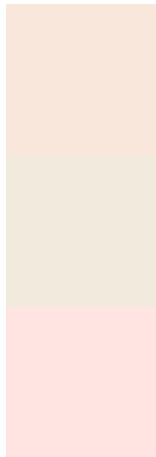
This preview shows how white text looks on a background with the XYZ color 80.9185, 82.6431,

79.3970.

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

80.9185, 82.6431, 79.3970

Protanopia

79.0919, 82.9433, 80.2477

Deuteranopia

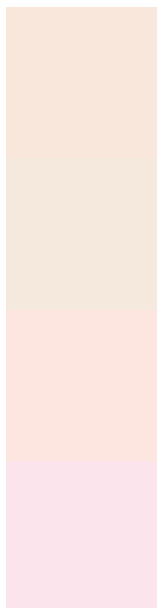
82.8499, 82.7349, 82.8369



Tritanopia

84.4585, 82.4134, 97.8421

Trichromacy



Original Color

80.9185, 82.6431, 79.3970

Protanomaly

79.8462, 82.9108, 80.2016

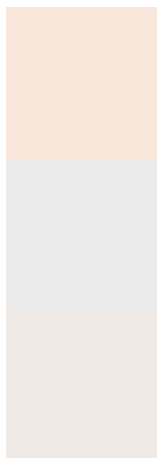
Deuteranomaly

82.1241, 82.8040, 81.4664

Tritanomaly

83.0286, 82.2384, 90.8544

Monochromacy



Original Color

80.9185, 82.6431, 79.3970

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.6409, 83.0841, 86.7022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9185, 82.6431, 79.3970 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, 231, 220) looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 220)  
}
```

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, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 220) }
```

Border

The CSS property to change the border of an element to XYZ 80.9185, 82.6431, 79.3970 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, 231, 220) }
```


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

```
.border{ border-color:rgb(250, 231, 220) }
```

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

Here you see how a box with a 4 pixel rgb(250, 231, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9185, 82.6431, 79.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 220) }
```

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

```
.background{ background-color: rgb(250,  
231, 220) }
```

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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