

Converting Colors

XYZ(81.8940, 84.7252, 86.6855)

Have a look what the booklet for
XYZ(81.8940, 84.7252, 86.6855)
contains.

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Color

**XYZ(81.9973, 84.7227,
86.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EBE6
RGB	246, 235, 230
RGB Percent	96%, 92%, 90%
CMY	0.0353, 0.0784, 0.0980
CMYK	0.00, 0.04, 0.07, 0.04
HSL	19°, 47%, 93%
HSV	19°, 7%, 96%
XYZ	81.9973, 84.7227, 86.8943
YIQ	237.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

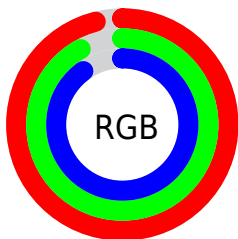
Format	Color
R _Y B	246, 237, 230
Decimal	16182246
CIE Lab	93.76, 2.86, 3.73
CIE LCh	94, 4.706, 52.523
Yxy	84.7227, 0.3233, 0.3341
Android (android.graphics.Color)	4294372326 (0xFF6E6E6E)
YUV	237.7190, -3.8055, 7.2624
Hunter-Lab	92.0449, -2.0637, 8.4592

Details

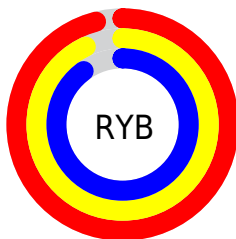
The XYZ color **81.9973, 84.7227, 86.8943** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7228, 86.3859, 99.6094**, and the grayscale version is **81.0769, 85.2992, 92.8908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0932, 46.2825, 47.1142** is the 20% darker color. If you saturate the color by 10%, you get **74.1719, 74.2151, 68.4277**, and if you desaturate by 10%, it is **90.7751, 96.3528, 108.0856**.

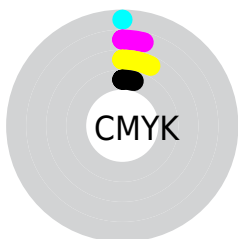
Distribution



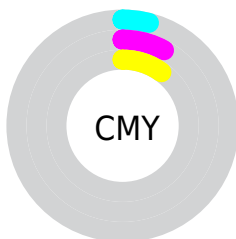
- Red (96%)
- Green (92%)
- Blue (90%)



- Red (96%)
- Yellow (93%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9973, 84.7227, 86.8943 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 81.9973, 84.7227, 86.8943 by changing the saturation by 10% instead.


 81.9973, 84.7227,
86.8943

 81.9973, 84.7227,
86.8943


490.2733,
510.7100, 538.1827

 61.6774, 63.6123,
64.8486

135.1061,
139.9857, 144.9144

 45.0267, 46.3367,
46.8878


168.6256,
174.9070, 181.7258

 31.6798, 32.5116,
32.5932


207.2758,
215.2008, 224.2963

 21.2714, 21.7526,
21.5465

251.4220,
261.2514, 273.0443

 13.4361, 13.6752,
13.3289

301.4294,
313.4433, 328.3884

 7.8086, 7.8951,
7.5220

357.6636,

 4.0235, 4.0279,

372.1607, 390.7472

3.7073

420.4897,
437.7882, 460.5391

■ 1.7154, 1.6892,
1.4662

■ 0.4659, 0.4166,
0.1925

■ 81.9973, 84.7227,
86.8943

■ 81.9973, 84.7227,
86.8943

■ 74.1719, 74.2151,
68.4277

■ 90.7751, 96.3528,
108.0856

■ 67.2586, 64.7851,
52.5692

■ 91.8165, 98.3330,
108.7487

■ 61.2248, 56.4012,
39.2016

■ 56.0331, 49.0261,
28.1967

■ 51.6430, 42.6199,
19.4148

■ 48.0107, 37.1403,
12.7012

■ 45.0875, 32.5413,
7.8812

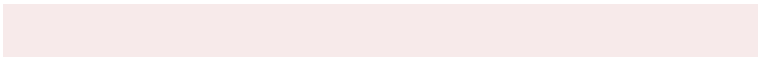
■ 42.8180, 28.7724,
4.7505

■ 41.1357, 25.7761,
3.0542

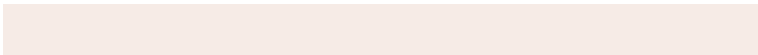
Harmonies

Analogous

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



82.7665, 84.7227, 89.6375



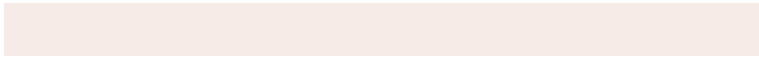
81.9973, 84.7227, 86.8943



80.8395, 84.7227, 85.5922

Triad

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



81.9973, 84.7227, 86.8943



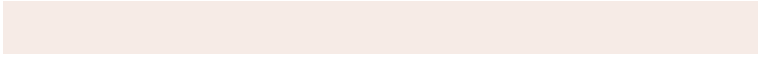
78.1673, 84.7227, 91.3560



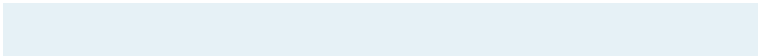
81.4503, 84.7227, 98.7527

Complementary

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



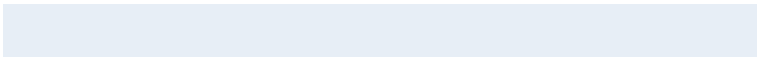
81.9973, 84.7227, 86.8943



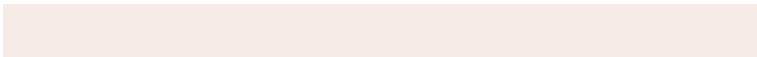
80.7228, 86.3859, 99.6094

Split Complementary

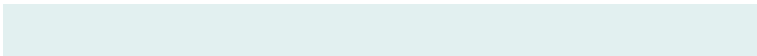
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2141, 84.7227, 99.2415



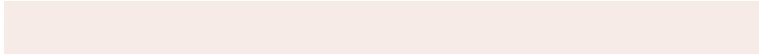
81.9973, 84.7227, 86.8943



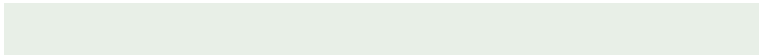
78.3271, 84.7227, 94.9099

Square

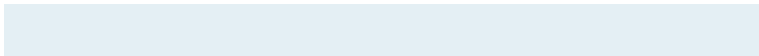
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9973, 84.7227, 86.8943



78.6344, 84.7227, 88.1245



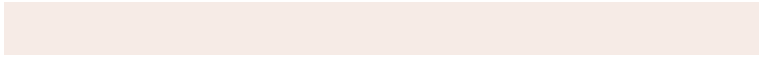
79.0732, 84.7227, 97.8185



82.4484, 84.7227, 96.4995

Rectangle

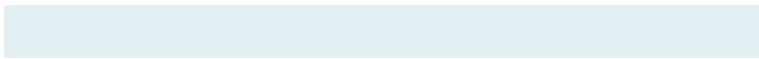
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9973, 84.7227, 86.8943



80.0065, 84.7227, 85.6923



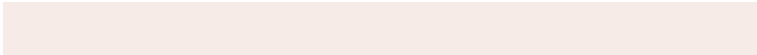
79.0732, 84.7227, 97.8185



81.0485, 84.7227, 99.1311

Sweetspot

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



81.9997, 84.7264, 86.8961



93.1317, 97.4600, 104.2634



82.2110, 82.5505, 94.9777



19.9542, 20.8871, 22.3652



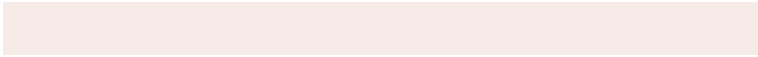
0.0000, 0.0000, 0.0000



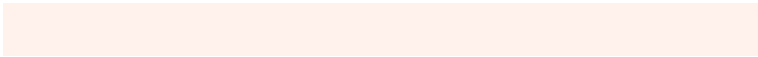
20.3446, 21.4041, 23.3091

Same Dimension

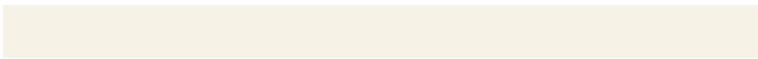
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.9997, 84.7264, 86.8961



87.6272, 90.1342, 91.0738



84.2808, 89.2886, 87.6565



16.9220, 17.3281, 17.2503



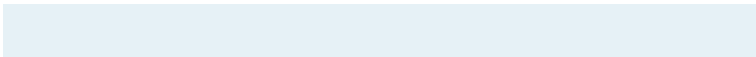
21.8105, 13.5066, 1.4575



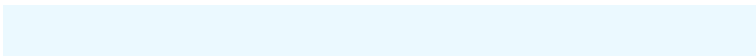
2.0049, 1.3630, 0.1574

Inverse Universe

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



80.7228, 86.3859, 99.6094



85.9372, 92.3304, 107.8999



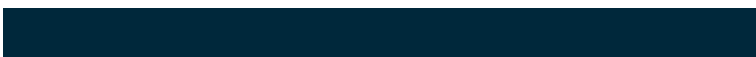
78.4644, 81.8692, 98.8566



16.5340, 17.8323, 21.1131



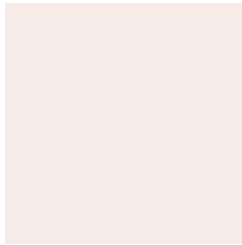
16.5885, 18.9707, 49.3254



1.5495, 1.8504, 4.3657

Previews

White Background



This preview shows how the XYZ color 81.9973, 84.7227, 86.8943 looks on a white background.

Color Contrast Check

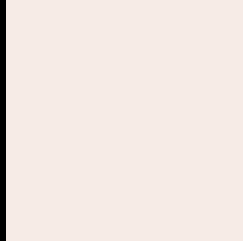
Large Text (above 18pt) WCAG AA × Fail

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 81.9973, 84.7227, 86.8943 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

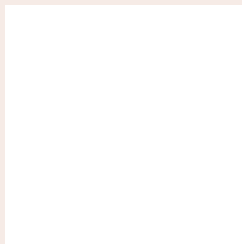
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9973, 84.7227, 86.8943

Background



This preview shows how black text looks on a background with the XYZ color 81.9973, 84.7227, 86.8943.



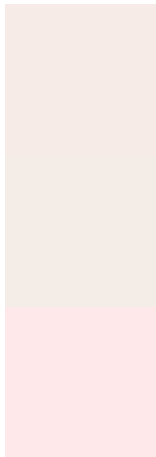
This preview shows how white text looks on a background with the XYZ color 81.9973, 84.7227,

86.8943.

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

81.9973, 84.7227, 86.8943

Protanopia

81.3814, 84.8151, 87.6830

Deuteranopia

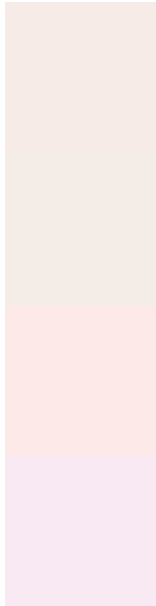
84.8046, 84.8564, 89.0000



Tritanopia

85.1789, 84.7551, 102.3124

Trichromacy



Original Color

81.9973, 84.7227, 86.8943

Protanomaly

81.7275, 84.9935, 87.6992

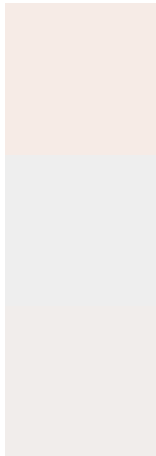
Deuteranomaly

83.8493, 84.7995, 88.2925

Tritanomaly

84.0280, 84.7054, 96.7150

Monochromacy



Original Color

81.9973, 84.7227, 86.8943

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5552, 85.2673, 90.7571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9973, 84.7227, 86.8943 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, 235, 230) looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 230)  
}
```

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, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 230) }
```

Border

The CSS property to change the border of an element to XYZ 81.9973, 84.7227, 86.8943 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, 235, 230) }
```


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

```
.border{ border-color:rgb(246, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9973, 84.7227, 86.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 230) }
```

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

```
.background{ background-color: rgb(246,  
235, 230) }
```

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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