

Converting Colors

XYZ(81.9925, 86.8618, 87.0198)

Have a look what the booklet for
XYZ(81.9925, 86.8618, 87.0198)
contains.

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Color

**XYZ(82.0610, 86.9106,
87.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F0E6
RGB	242, 240, 230
RGB Percent	95%, 94%, 90%
CMY	0.0510, 0.0588, 0.0980
CMYK	0.00, 0.01, 0.05, 0.05
HSL	50°, 32%, 93%
HSV	50°, 5%, 95%
XYZ	82.0610, 86.9106, 87.3133
YIQ	239.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

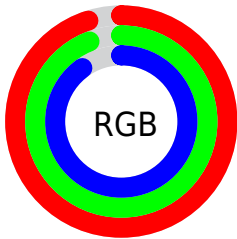
Format	Color
RYB	232, 242, 230
Decimal	15921382
CIELab	94.70, -1.05, 5.05
CIELCh	95, 5.160, 101.757
Yxy	86.9106, 0.3202, 0.3391
Android (android.graphics.Color)	4294111462 (0xFFFF2F0E6)
YUV	239.4580, -4.6628, 2.2293
Hunter-Lab	93.2259, -6.0226, 9.7284

Details

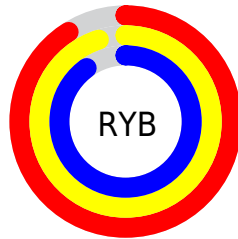
The XYZ color **82.0610, 86.9106, 87.3133** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **alabaster**. A complement of this color would be **77.5168, 80.9459, 95.5441**, and the grayscale version is **82.4359, 86.7290, 94.4479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1281, 47.8152, 47.4082** is the 20% darker color. If you saturate the color by 10%, you get **77.7250, 83.3042, 70.2490**, and if you desaturate by 10%, it is **86.9000, 90.7659, 106.8750**.

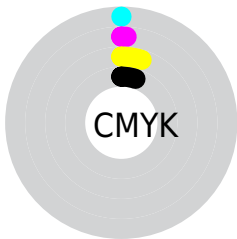
Distribution



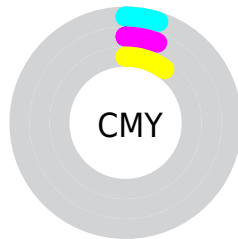
- Red (95%)
- Green (94%)
- Blue (90%)



- Red (91%)
- Yellow (95%)
- Blue (90%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0610, 86.9106, 87.3133 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 82.0610, 86.9106, 87.3133 by changing the saturation by 10% instead.

82.0610, 86.9106,
87.3133

82.0610, 86.9106,
87.3133

490.4831,
517.9291, 539.5947

61.7301, 65.4212,
65.1934

135.1949,
143.0395, 145.5035

45.0694, 47.8027,
47.1656

168.7286,
178.4479, 182.4108

31.7136, 33.6707,
32.8113

207.3940,
219.2646, 225.0844

21.2973, 22.6407,
21.7120

251.5564,
265.8743, 273.9428

13.4552, 14.3284,
13.4491

301.5811,
318.6611, 329.4044

7.8219, 8.3495,
7.6042

357.8336,

4.0320, 4.3194,

378.0096, 391.8880

3.7586

420.6792,
444.3041, 461.8119

■ 1.7203, 1.8538,
1.4939

■ 0.4689, 0.5204,
0.2134

■ 82.0610, 86.9106,
87.3133

■ 82.0610, 86.9106,
87.3133

■ 77.7250, 83.3042,
70.2490

■ 86.9000, 90.7659,
106.8750

■ 73.8652, 79.9272,
55.5747

■ 88.2528, 93.2661,
107.9585

■ 70.4633, 76.7749,
43.1835

■ 89.5039, 95.7683,
108.3755

■ 67.4968, 73.8381,
32.9580

■ 90.4284, 97.6175,
108.6837

■ 64.9413, 71.1065,
24.7705

■ 62.7698, 68.5693,
18.4798

■ 60.9519, 66.2139,
13.9268

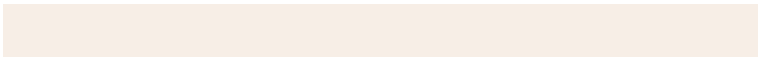
■ 59.4524, 64.0260,
10.9261

■ 58.2277, 61.9878,
9.2502

Harmonies

Analogous

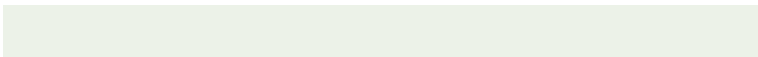
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4478, 86.9106, 87.5265



82.0610, 86.9106, 87.3133



80.8338, 86.9106, 89.0197

Triad

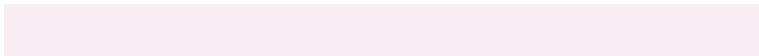
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0610, 86.9106, 87.3133



80.6227, 86.9106, 99.8353



85.1776, 86.9106, 97.0541

Complementary

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



82.0610, 86.9106, 87.3133



77.5168, 80.9459, 95.5441

Split Complementary

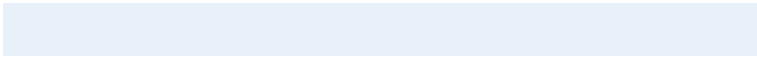
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4037, 86.9106, 100.4731



82.0610, 86.9106, 87.3133



81.7697, 86.9106, 102.1096

Square

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



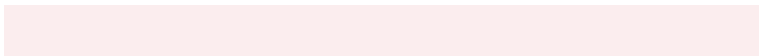
82.0610, 86.9106, 87.3133



80.0097, 86.9106, 96.2035



83.1532, 86.9106, 102.3463



85.2577, 86.9106, 93.0754

Rectangle

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



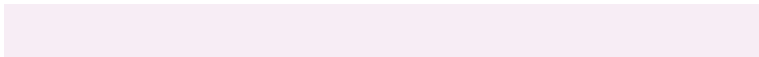
82.0610, 86.9106, 87.3133



80.2673, 86.9106, 91.0449



83.1532, 86.9106, 102.3463



84.9896, 86.9106, 98.3098

Sweetspot

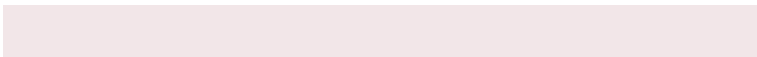
The Sweet Spot groups the original color and five complimentary colors.



82.0634, 86.9144, 87.3152



94.5070, 99.5666, 106.7070



79.4815, 81.2984, 87.8483



20.2341, 21.3159, 22.8628



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.



82.0634, 86.9144, 87.3152



91.8773, 97.4407, 96.1701



81.2961, 87.3958, 87.4485



17.1517, 18.2045, 17.7820



31.0736, 32.9452, 4.7213



2.6438, 2.8583, 0.4124

Inverse Universe

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



77.5168, 80.9459, 95.5441



85.7084, 89.3427, 107.3353



78.2568, 80.4982, 95.4187



15.8838, 16.5400, 20.0770



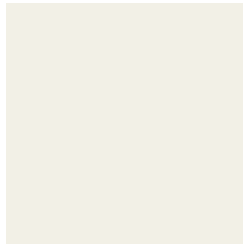
9.0877, 4.3997, 45.4981



0.8175, 0.4890, 3.8055

Previews

White Background



This preview shows how the XYZ color 82.0610, 86.9106, 87.3133 looks on a white background.

Color Contrast Check

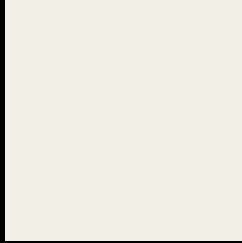
Large Text (above 18pt) WCAG AA × Fail

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 82.0610, 86.9106, 87.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

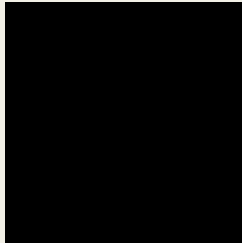
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

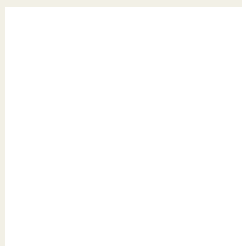
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0610, 86.9106, 87.3133

Background



This preview shows how black text looks on a background with the XYZ color 82.0610, 86.9106, 87.3133.



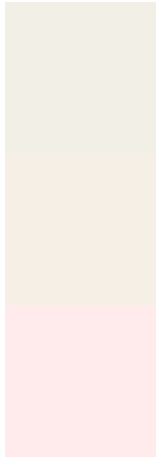
This preview shows how white text looks on a background with the XYZ color 82.0610, 86.9106,

87.3 33.

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

82.0610, 86.9106, 87.3133

Protanopia

83.0154, 86.9830, 86.5428

Deuteranopia

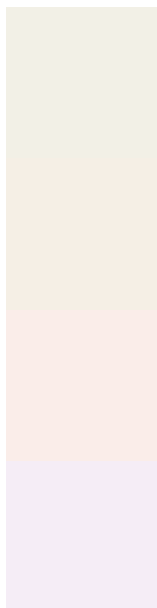
85.9437, 86.6748, 90.7975



Tritanopia

86.0515, 86.8037, 106.8271

Trichromacy



Original Color

82.0610, 86.9106, 87.3133

Protanomaly

82.6655, 86.8026, 86.5264

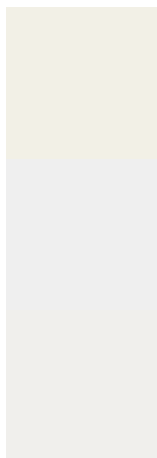
Deuteranomaly

84.4165, 86.7756, 89.3909

Tritanomaly

84.5749, 86.6347, 99.4534

Monochromacy



Original Color

82.0610, 86.9106, 87.3133

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.9420, 86.3144, 91.6984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0610, 86.9106, 87.3133 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(242, 240, 230) looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 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(242, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 230) }
```

Border

The CSS property to change the border of an element to XYZ 82.0610, 86.9106, 87.3133 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(242, 240, 230) }
```


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

```
.border{ border-color:rgb(242, 240, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 240, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0610, 86.9106, 87.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 230) }
```

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

```
.background{ background-color: rgb(242,  
240, 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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