

Converting Colors

XYZ(82.9919, 85.2378, 85.0487)

Have a look what the booklet for
XYZ(82.9919, 85.2378, 85.0487)
contains.

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Color

**XYZ(82.9978, 85.2867,
84.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEBE3
RGB	250, 235, 227
RGB Percent	98%, 92%, 89%
CMY	0.0196, 0.0784, 0.1098
CMYK	0.00, 0.06, 0.09, 0.02
HSL	21°, 70%, 94%
HSV	21°, 9%, 98%
XYZ	82.9978, 85.2867, 84.7606
YIQ	238.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

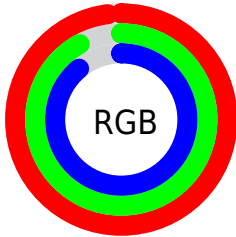
Format	Color
R_{YB}	250, 239, 227
Decimal	16444387
CIE _{Lab}	94.01, 3.74, 5.68
CIE _{LCh}	94, 6.807, 56.631
Yxy	85.2867, 0.3280, 0.3370
Android (android.graphics.Color)	4294634467 (0xFFFAEBE3)
YUV	238.5730, -5.7055, 10.0215
Hunter-Lab	92.3508, -1.1918, 10.2285

Details

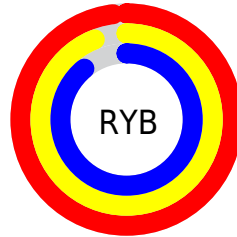
The XYZ color **82.9978, 85.2867, 84.7606** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.6858, 86.7358, 102.9325**, and the grayscale version is **81.7508, 86.0083, 93.6630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5588, 46.5562, 45.6148** is the 20% darker color. If you saturate the color by 10%, you get **75.3406, 75.0985, 66.4027**, and if you desaturate by 10%, it is **91.5884, 96.5380, 105.9035**.

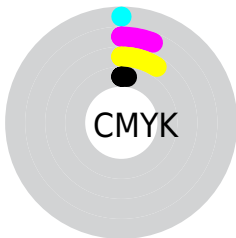
Distribution



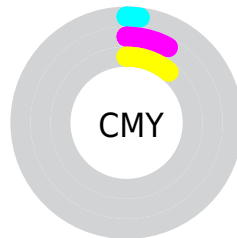
- Red (98%)
- Green (92%)
- Blue (89%)



- Red (98%)
- Yellow (94%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9978, 85.2867, 84.7606 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 82.9978, 85.2867, 84.7606 by changing the saturation by 10% instead.

82.9978, 85.2867,
84.7606

82.9978, 85.2867,
84.7606

493.5632,
512.5763, 530.9595

62.5052, 64.0783,
63.0946

136.5009,
140.7737, 141.9098

45.6982, 46.7141,
45.4762

170.2422,
175.8210, 178.2301

32.2114, 32.8097,
31.4870

209.1304,
216.2502, 220.2723

21.6793, 21.9807,
20.7084

253.5309,
262.4455, 268.4548

13.7367, 13.8427,
12.7219

303.8091,
314.7913, 323.1962

8.0183, 8.0114,
7.1088

360.3303,

4.1585, 4.1022,

373.6722, 384.9151

3.4508

423.4599,
439.4723, 454.0300

■ 1.7922, 1.7309,
1.3292

■ 0.5130, 0.4435,
0.0855

■ 82.9978, 85.2867,
84.7606

■ 82.9978, 85.2867,
84.7606

■ 75.3406, 75.0985,
66.4027

■ 91.5884, 96.5380,
105.9035

■ 68.5768, 65.9308,
50.7073

■ 93.2347, 99.0642,
108.8150

■ 62.6739, 57.7543,
37.5508

■ 57.5943, 50.5340,
26.7976

■ 53.2977, 44.2327,
18.2994

■ 49.7397, 38.8107,
11.8910

■ 46.8709, 34.2248,
7.3846

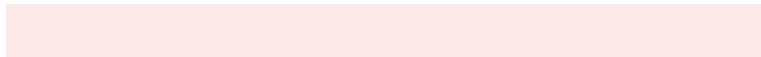
■ 44.6345, 30.4271,
4.5575

■ 42.9509, 27.3590,
3.0745

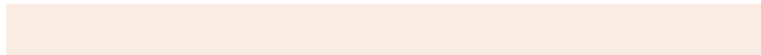
Harmonies

Analogous

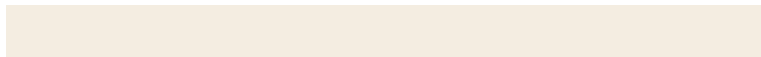
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2233, 85.2867, 88.4528



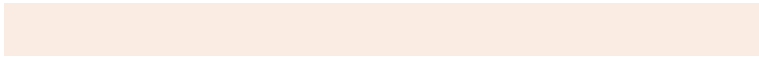
82.9978, 85.2867, 84.7606



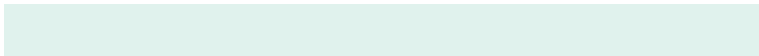
81.2678, 85.2867, 83.2352

Triad

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



82.9978, 85.2867, 84.7606



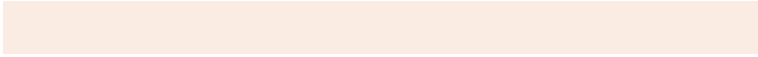
77.6271, 85.2867, 92.2765



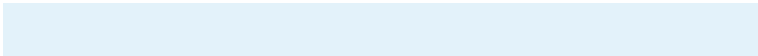
82.6374, 85.2867, 102.0899

Complementary

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



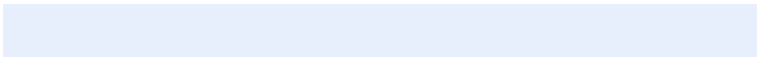
82.9978, 85.2867, 84.7606



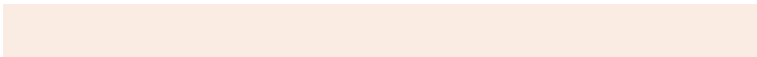
80.6858, 86.7358, 102.9325

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.



80.8575, 85.2867, 103.2054



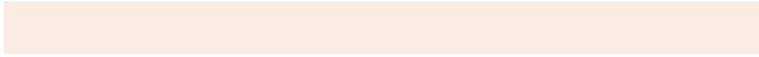
82.9978, 85.2867, 84.7606



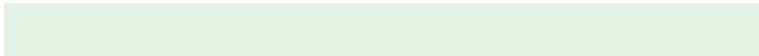
77.9817, 85.2867, 97.4168

Square

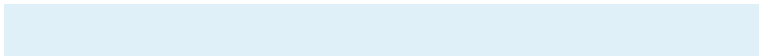
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9978, 85.2867, 84.7606



78.1817, 85.2867, 87.4714



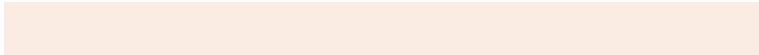
79.1574, 85.2867, 101.4654



84.0131, 85.2867, 98.4711

Rectangle

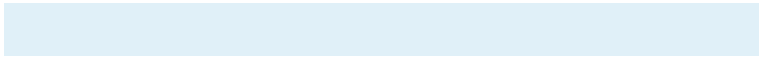
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9978, 85.2867, 84.7606



80.0674, 85.2867, 83.6086



79.1574, 85.2867, 101.4654



82.0657, 85.2867, 102.7757

Sweetspot

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



83.0002, 85.2904, 84.7624



92.2720, 96.3759, 102.0183



82.9716, 81.6943, 95.6637



19.5943, 20.4248, 21.4522



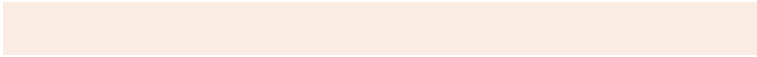
0.0000, 0.0000, 0.0000



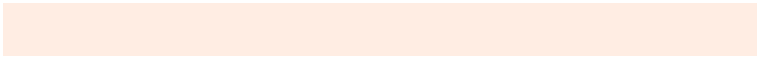
20.3446, 21.4041, 23.3091

Same Dimension

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



83.0002, 85.2904, 84.7624



85.2991, 87.2050, 84.9734



86.2970, 91.8841, 85.8614



17.7386, 18.2131, 18.0429



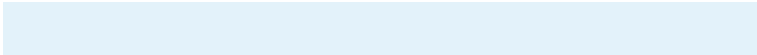
22.8410, 14.6386, 1.6217



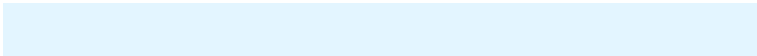
2.2105, 1.5458, 0.1819

Inverse Universe

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



80.6858, 86.7358, 102.9325



82.4373, 88.9917, 107.4399



77.4643, 80.2929, 101.8587



17.2277, 18.5321, 22.0544



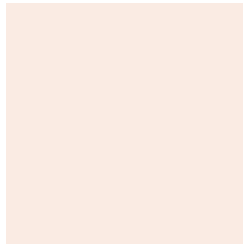
16.2393, 17.8341, 50.5600



1.6032, 1.8500, 4.7158

Previews

White Background



This preview shows how the XYZ color 82.9978, 85.2867, 84.7606 looks on a white background.

Color Contrast Check

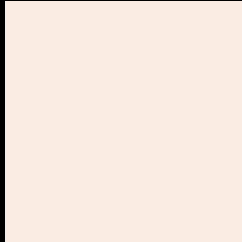
Large Text (above 18pt) WCAG AA × Fail

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 82.9978, 85.2867, 84.7606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

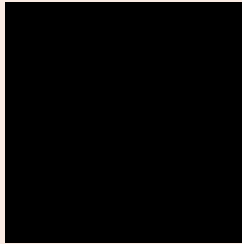
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9978, 85.2867, 84.7606

Background



This preview shows how black text looks on a background with the XYZ color 82.9978, 85.2867, 84.7606.



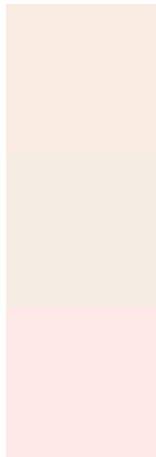
This preview shows how white text looks on a background with the XYZ color 82.9978, 85.2867,

84.7606.

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

82.9978, 85.2867, 84.7606

Protanopia

81.5960, 85.4029, 85.5826

Deuteranopia

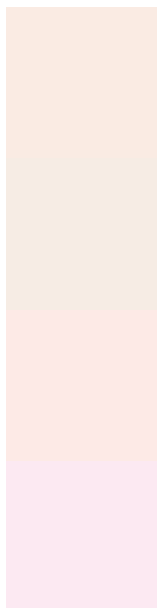
84.9444, 85.3640, 88.3438



Tritanopia

86.6199, 85.4980, 102.3799

Trichromacy



Original Color

82.9978, 85.2867, 84.7606

Protanomaly

82.0051, 85.1852, 85.5190

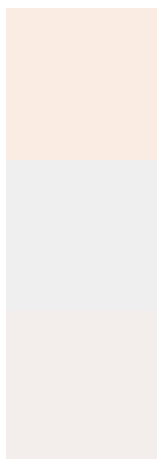
Deuteranomaly

84.2138, 85.4415, 86.9162

Tritanomaly

85.3108, 85.3841, 95.9888

Monochromacy



Original Color

82.9978, 85.2867, 84.7606

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.5321, 86.2019, 90.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9978, 85.2867, 84.7606 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, 235, 227) looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 227)  
}
```

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, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.9978, 85.2867, 84.7606 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, 235, 227) }
```


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

```
.border{ border-color:rgb(250, 235, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9978, 85.2867, 84.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 227) }
```

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

```
.background{ background-color: rgb(250,  
235, 227) }
```

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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