

Converting Colors

XYZ(83.0364, 92.0121, 89.3216)

Have a look what the booklet for
XYZ(83.0364, 92.0121, 89.3216)
contains.

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Color

**XYZ(82.8704, 91.8029,
88.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFAE7
RGB	235, 250, 231
RGB Percent	92%, 98%, 91%
CMY	0.0784, 0.0196, 0.0941
CMYK	0.06, 0.00, 0.08, 0.02
HSL	107°, 66%, 94%
HSV	107°, 8%, 98%
XYZ	82.8704, 91.8029, 88.9533
YIQ	243.3490, -2.8410, -9.0890

Conversions

Conversions Part 2

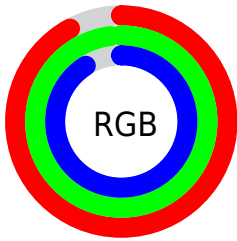
Format	Color
R _Y B	231, 250, 246
Decimal	15465191
CIE Lab	96.74, -8.28, 7.41
CIE LCh	97, 11.114, 138.171
Yxy	91.8029, 0.3143, 0.3482
Android (android.graphics.Color)	4293655271 (0xFFEBFAE7)
YUV	243.3490, -6.0881, -7.3221
Hunter-Lab	95.8138, -13.2877, 12.0250

Details

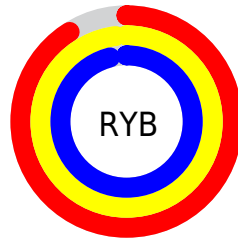
The XYZ color **82.8704, 91.8029, 88.9533** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8408, 83.6493, 102.1742**, and the grayscale version is **85.5202, 89.9739, 97.9815**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6201, 51.2624, 48.0476** is the 20% darker color. If you saturate the color by 10%, you get **73.4297, 87.3180, 71.3772**, and if you desaturate by 10%, it is **93.3819, 96.8056, 108.3713**.

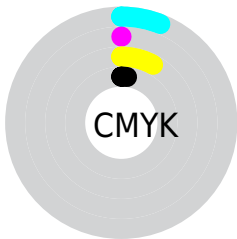
Distribution



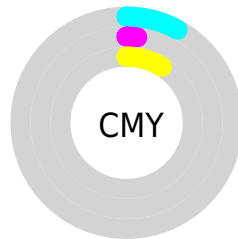
- Red (92%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8704, 91.8029, 88.9533 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 82.8704, 91.8029, 88.9533 by changing the saturation by 10% instead.

82.8704, 91.8029,
88.9533

82.8704, 91.8029,
88.9533

493.1450,
533.8783, 545.1021

62.3998, 69.4769,
66.5440

136.3234,
149.8402, 147.8064

45.6126, 51.1002,
48.2549

170.0365,
186.3203, 185.0873

32.1436, 36.2884,
33.6674

208.8945,
228.2872, 228.1626

21.6273, 24.6570,
22.3629

253.2627,
276.1254, 277.4506

13.6983, 15.8217,
13.9229

303.5065,
330.2192, 333.3701

7.9915, 9.3981,
7.9289

359.9912,

4.1412, 5.0017,

390.9530, 396.3394

3.9624

423.0823,
458.7113, 466.7772

■ 1.7823, 2.2483,
1.6047

■ 0.5070, 0.7461,
0.2942

■ 82.8704, 91.8029,
88.9533

■ 82.8704, 91.8029,
88.9533

■ 73.4297, 87.3180,
71.3772

■ 93.3819, 96.8056,
108.3713

■ 65.1693, 83.3831,
56.3762

■ 93.4774, 96.8548,
108.3758

■ 58.0442, 79.9802,
43.8310

■ 52.0035, 77.0861,
33.6108

■ 46.9923, 74.6754,
25.5724

■ 42.9509, 72.7210,
19.5571

■ 39.8129, 71.1924,
15.3843

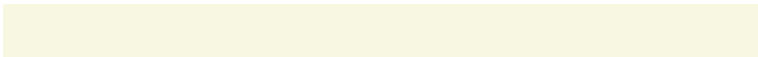
■ 37.5027, 70.0553,
12.8416

■ 35.9278, 69.2682,
11.6487

Harmonies

Analogous

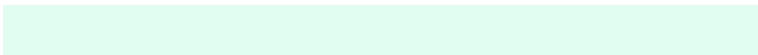
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4021, 91.8029, 84.5357



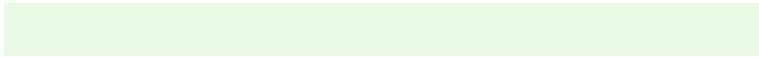
82.8704, 91.8029, 88.9533



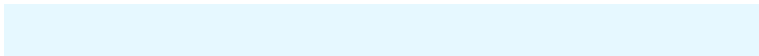
81.5263, 91.8029, 96.4840

Triad

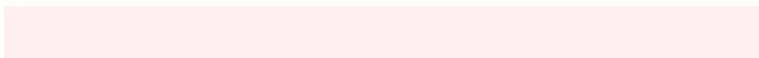
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8704, 91.8029, 88.9533



86.0344, 91.8029, 117.6965



93.0688, 91.8029, 94.7054

Complementary

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



82.8704, 91.8029, 88.9533



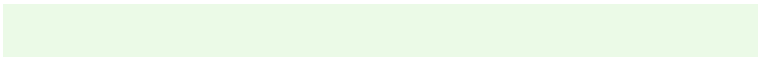
83.8408, 83.6493, 102.1742

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.



93.2479, 91.8029, 103.5139



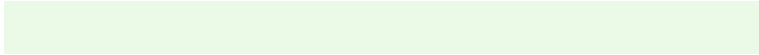
82.8704, 91.8029, 88.9533



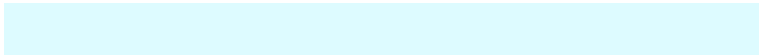
89.1363, 91.8029, 117.1499

Square

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



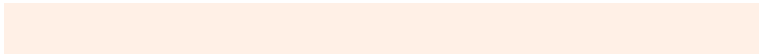
82.8704, 91.8029, 88.9533



83.3237, 91.8029, 113.2861



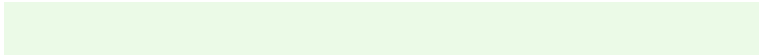
91.7935, 91.8029, 111.8343



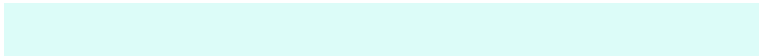
91.3099, 91.8029, 87.7181

Rectangle

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



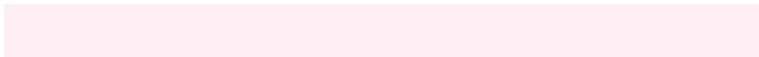
82.8704, 91.8029, 88.9533



81.4629, 91.8029, 102.4145



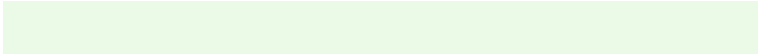
91.7935, 91.8029, 111.8343



93.3172, 91.8029, 97.5406

Sweetspot

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



82.8729, 91.8068, 88.9553



92.7737, 98.9201, 104.5641



86.7722, 91.9382, 88.7751



19.8813, 21.1843, 22.4264



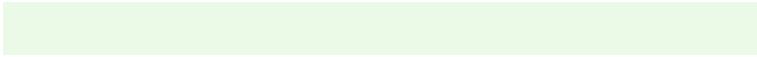
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.8729, 91.8068, 88.9553



85.2177, 95.3330, 90.2908



82.3395, 91.4426, 92.9619



17.3587, 19.4852, 18.3085



18.9972, 36.7117, 6.0848



1.8437, 3.4435, 0.5675

Inverse Universe

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



83.8408, 83.6493, 102.1742



86.4059, 85.3167, 106.5214



84.4265, 84.0474, 97.8564



17.6144, 17.3294, 21.8018



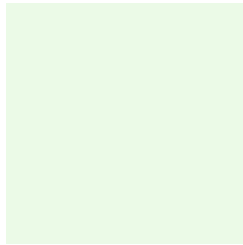
21.5443, 10.0492, 48.7777



2.0817, 0.9752, 4.5217

Previews

White Background



This preview shows how the XYZ color 82.8704, 91.8029, 88.9533 looks on a white background.

Color Contrast Check

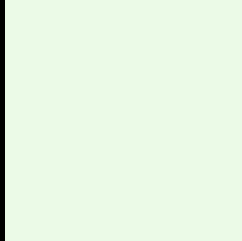
Large Text (above 18pt) WCAG AA × Fail

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 82.8704, 91.8029, 88.9533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

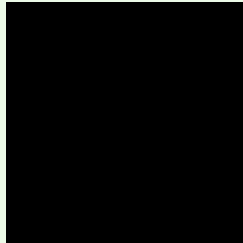
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

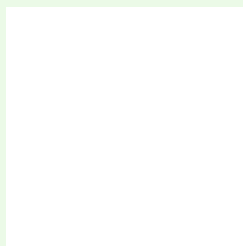
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8704, 91.8029, 88.9533

Background



This preview shows how black text looks on a background with the XYZ color 82.8704, 91.8029, 88.9533.



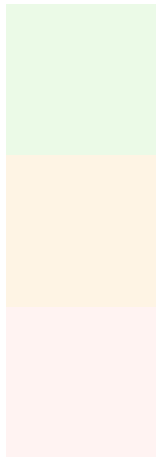
This preview shows how white text looks on a background with the XYZ color 82.8704, 91.8029,

88.9533.

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

82.8704, 91.8029, 88.9533

Protanopia

87.2273, 91.3736, 86.4383

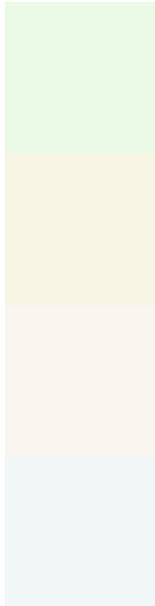
Deuteranopia

89.3176, 91.7720, 97.0106

Tritanopia

87.6646, 91.5795, 107.6639

Trichromacy



Original Color

82.8704, 91.8029, 88.9533

Protanomaly

85.4564, 91.3428, 87.2556

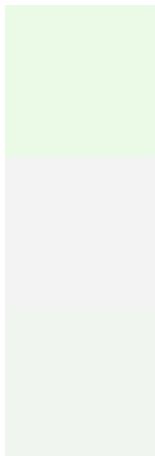
Deuteranomaly

87.0998, 92.0410, 94.0640

Tritanomaly

85.8305, 91.7006, 100.3650

Monochromacy



Original Color

82.8704, 91.8029, 88.9533

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.4709, 90.6688, 94.7101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8704, 91.8029, 88.9533 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(235, 250, 231)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 231)  
}
```

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(235, 250, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.8704, 91.8029, 88.9533 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(235, 250, 231) }
```


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

```
.border{ border-color:rgb(235, 250, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 231);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8704, 91.8029, 88.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 231) }
```

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

```
.background{ background-color: rgb(235,  
250, 231) }
```

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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