

Converting Colors

XYZ(82.5961, 94.1645, 81.9010)

Have a look what the booklet for
XYZ(82.5961, 94.1645, 81.9010)
contains.

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Color

**XYZ(82.7428, 94.2329,
82.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFFDD
RGB	234, 255, 221
RGB Percent	92%, 100%, 87%
CMY	0.0823, 0.0000, 0.1333
CMYK	0.08, 0.00, 0.13, 0.00
HSL	97°, 100%, 93%
HSV	97°, 13%, 100%
XYZ	82.7428, 94.2329, 82.2344
YIQ	244.8450, -1.6020, -15.0260

Conversions

Conversions Part 2

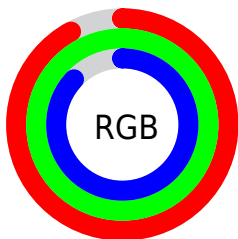
Format	Color
R_{YB}	221, 255, 242
Decimal	15400925
CIE _{Lab}	97.73, -12.78, 13.94
CIE _{LCh}	98, 18.912, 132.501
Yxy	94.2329, 0.3192, 0.3635
Android (android.graphics.Color)	4293591005 (0xFFEAFDD)
YUV	244.8450, -11.7556, -9.5111
Hunter-Lab	97.0736, -17.7305, 17.7250

Details

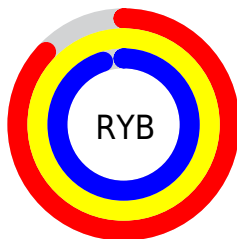
The XYZ color **82.7428, 94.2329, 82.2344** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **80.5253, 77.8114, 105.3827**, and the grayscale version is **86.7583, 91.2765, 99.4001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4371, 52.6063, 43.8356** is the 20% darker color. If you saturate the color by 10%, you get **74.6558, 90.4270, 65.4473**, and if you desaturate by 10%, it is **91.8070, 98.4828, 101.7637**.

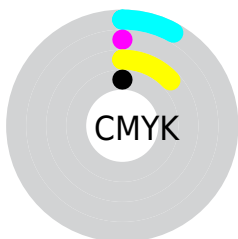
Distribution



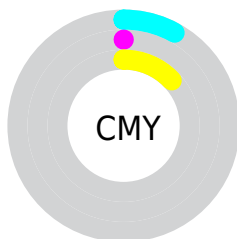
- Red (92%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7428, 94.2329, 82.2344 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 82.7428, 94.2329, 82.2344 by changing the saturation by 10% instead.


 82.7428, 94.2329,
82.2344

 82.7428, 94.2329,
82.2344


492.7258,
541.7063, 522.3354

 62.2942, 71.4967,
61.0218


136.1456,
153.2044, 138.3423

 45.5270, 52.7476,
43.8121


169.8304,
190.2085, 174.0747

 32.0757, 37.6013,
30.1867


208.6581,
232.7373, 215.4841

 21.5752, 25.6734,
19.7271

252.9939,
281.1752, 262.9891

 13.6599, 16.5795,
12.0147

303.2033,
335.9067, 317.0082

 7.9646, 9.9351,
6.6310

359.6514,

 4.1239, 5.3560,

397.3161, 377.9599

3.1575

422.7039,
465.7878, 446.2628

■ 1.7725, 2.4576,
1.1756

■ 0.5010, 0.8553,
0.0000

■ 82.7428, 94.2329,
82.2344

■ 82.7428, 94.2329,
82.2344

■ 74.6558, 90.4270,
65.4473

■ 91.8070, 98.4828,
101.7637

■ 67.5088, 87.0489,
51.2753

95.0500, 100.0000,
108.9000

■ 61.2651, 84.0824,
39.5877

■ 55.8846, 81.5099,
30.2410

■ 51.3238, 79.3126,
23.0767

■ 47.5346, 77.4695,
17.9169

■ 44.4631, 75.9573,
14.5557

■ 42.0455, 74.7486,
12.7423

■ 40.7431, 74.0889,
12.1532

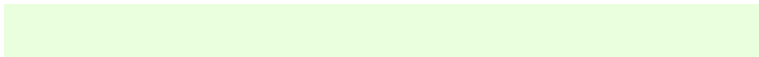
Harmonies

Analogous

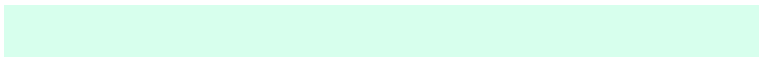
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3403, 94.2329, 76.2620



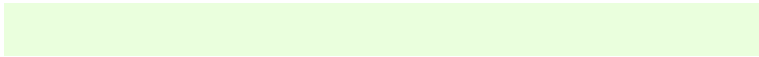
82.7428, 94.2329, 82.2344



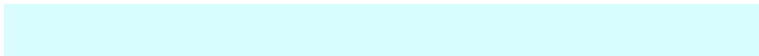
80.0380, 94.2329, 93.9328

Triad

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



82.7428, 94.2329, 82.2344



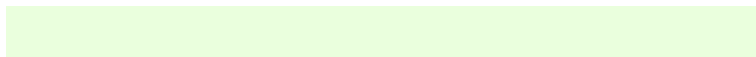
86.4844, 94.2329, 133.6034



100.0724, 94.2329, 96.3104

Complementary

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



82.7428, 94.2329, 82.2344



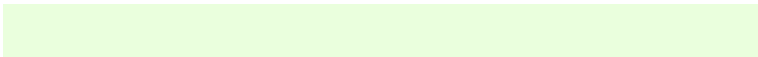
80.5253, 77.8114, 105.3827

Split Complementary

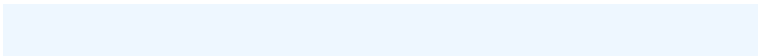
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.8207, 94.2329, 111.7923



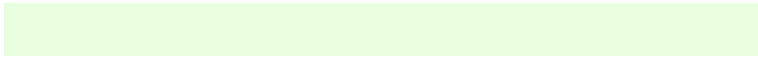
82.7428, 94.2329, 82.2344



91.8283, 94.2329, 134.4041

Square

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



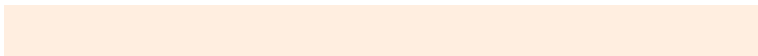
82.7428, 94.2329, 82.2344



82.1379, 94.2329, 123.9972



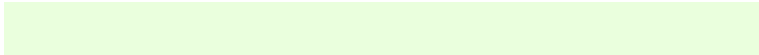
96.7534, 94.2329, 126.0859



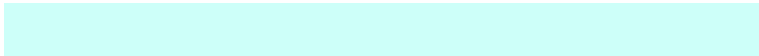
97.4280, 94.2329, 83.8242

Rectangle

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



82.7428, 94.2329, 82.2344



79.6029, 94.2329, 103.9046



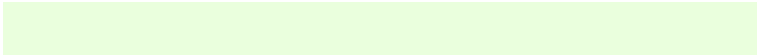
96.7534, 94.2329, 126.0859



100.3266, 94.2329, 101.3135

Sweetspot

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



82.7435, 94.2332, 82.2358



91.1710, 98.1850, 100.3726



86.0339, 89.9655, 81.2386



19.3621, 20.9443, 21.1515



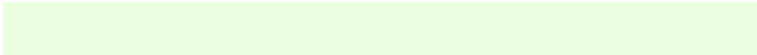
0.0000, 0.0000, 0.0000



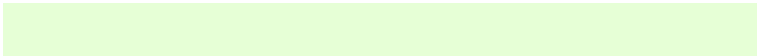
20.3446, 21.4041, 23.3091

Same Dimension

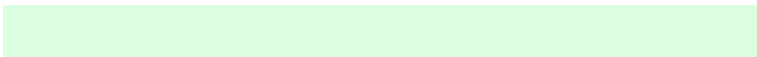
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7435, 94.2332, 82.2358



80.4921, 93.1752, 77.4945



79.1657, 92.3270, 84.8600



18.4281, 20.5066, 19.1312



21.4424, 38.7921, 6.3575



2.2050, 3.8375, 0.6245

Inverse Universe

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



80.5253, 77.8114, 105.3827



77.8791, 73.8349, 104.7546



84.5149, 79.9411, 102.2703



18.0805, 17.9333, 22.7585



16.9199, 7.6330, 50.0161



1.7693, 0.8060, 4.8756

Previews

White Background



This preview shows how the XYZ color 82.7428, 94.2329, 82.2344 looks on a white background.

Color Contrast Check

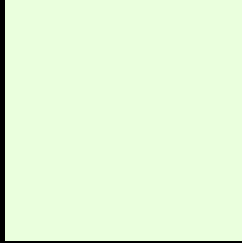
Large Text (above 18pt) WCAG AA × Fail

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 82.7428, 94.2329, 82.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

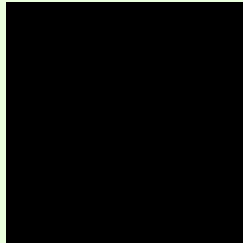
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

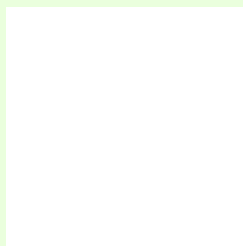
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.7428, 94.2329, 82.2344

Background



This preview shows how black text looks on a background with the XYZ color 82.7428, 94.2329, 82.2344.



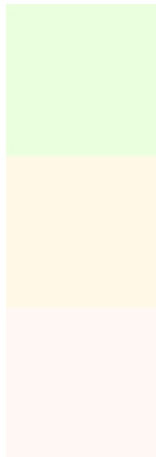
This preview shows how white text looks on a background with the XYZ color 82.7428, 94.2329, 82.2344.

82.2344.

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

82.7428, 94.2329, 82.2344

Protanopia

89.2312, 94.1643, 89.0738

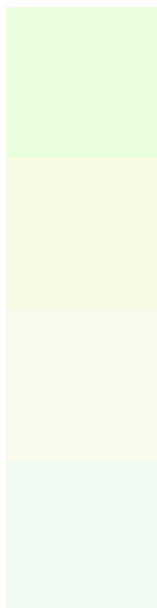
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

82.7428, 94.2329, 82.2344

Protanomaly

86.7201, 94.3146, 86.3069

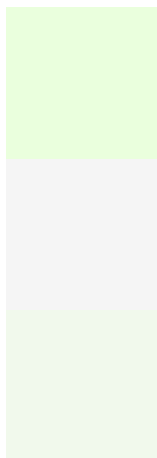
Deuteranomaly

87.6837, 94.2015, 92.9182

Tritanomaly

87.2928, 94.3427, 98.4032

Monochromacy



Original Color

82.7428, 94.2329, 82.2344

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.2916, 92.5083, 92.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7428, 94.2329, 82.2344 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(234, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 221)  
}
```

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(234, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 82.7428, 94.2329, 82.2344 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(234, 255, 221) }
```


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

```
.border{ border-color:rgb(234, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7428, 94.2329, 82.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 221) }
```

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

```
.background{ background-color: rgb(234,  
255, 221) }
```

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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