

Converting Colors

XYZ(125.0342, 180.9854,
103.0296)

Have a look what the booklet for
XYZ(125.0342, 180.9854, 103.0296)
contains.

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Color

**XYZ(81.0943, 93.2407,
88.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFE6
RGB	225, 255, 230
RGB Percent	88%, 100%, 90%
CMY	0.1176, 0.0000, 0.0980
CMYK	0.12, 0.00, 0.10, 0.00
HSL	130°, 100%, 94%
HSV	130°, 12%, 100%
XYZ	81.0943, 93.2407, 88.5860
YIQ	243.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

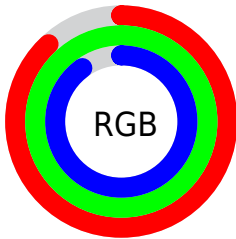
Format	Color
R _Y B	225, 251, 255
Decimal	14811110
CIE _{Lab}	97.33, -14.24, 8.68
CIE _{LCh}	97, 16.679, 148.642
Y _{xy}	93.2407, 0.3084, 0.3546
Android (android.graphics.Color)	4293001190 (0xFFE1FFE6)
YUV	243.1800, -6.4977, -15.9439
Hunter-Lab	96.5612, -19.0738, 13.1998

Details

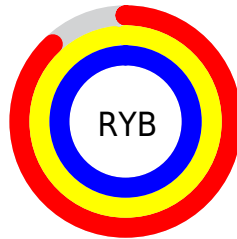
The XYZ color **81.0943, 93.2407, 88.5860** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.4210, 82.0135, 101.7705**, and the grayscale version is **85.3900, 89.8369, 97.8324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5095, 52.0294, 48.2542** is the 20% darker color. If you saturate the color by 10%, you get **70.9245, 88.3221, 73.4706**, and if you desaturate by 10%, it is **92.8167, 98.9177, 105.6759**.

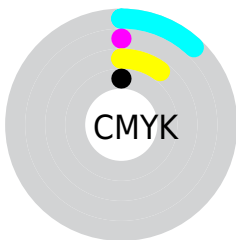
Distribution



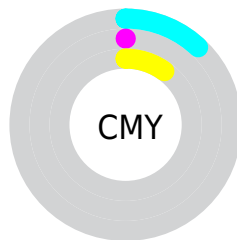
- Red (88%)
- Green (100%)
- Blue (90%)



- Red (88%)
- Yellow (98%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0943, 93.2407, 88.5860 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 81.0943, 93.2407, 88.5860 by changing the saturation by 10% instead.


 81.0943, 93.2407,
88.5860

 81.0943, 93.2407,
88.5860


487.2936,
538.5173, 543.8713

 60.9308, 70.6716,
66.2414


133.8456,
151.8318, 147.2910

 44.4217, 52.0742,
48.0107


167.1642,
188.6226, 184.4885

 31.2015, 37.0642,
33.4753


205.5985,
230.9227, 227.4741

 20.9049, 25.2572,
22.2167

249.5139,
279.1166, 276.6662

 13.1666, 16.2688,
13.8164

299.2758,
333.5886, 332.4834

 7.6211, 9.7146,
7.8558

355.2495,

 3.9032, 5.2101,

394.7231, 395.3443

3.9164

417.8003,
462.9045, 465.6675

■ 1.6475, 2.3711,
1.5796

■ 0.4231, 0.8109,
0.2762

■ 81.0943, 93.2407,
88.5860

■ 81.0943, 93.2407,
88.5860

■ 70.9245, 88.3221,
73.4706

■ 92.8167, 98.9177,
105.6759

■ 62.2395, 84.1283,
60.2542

95.0500, 100.0000,
108.9000

■ 54.9699, 80.6253,
48.8631

■ 49.0397, 77.7755,
39.2168

■ 44.3659, 75.5380,
31.2291

■ 40.8560, 73.8671,
24.8062

■ 38.4042, 72.7105,
19.8450

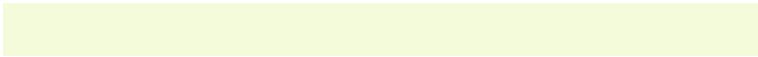
■ 36.8850, 72.0057,
16.2300

■ 36.1870, 71.6908,
14.1684

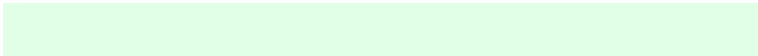
Harmonies

Analogous

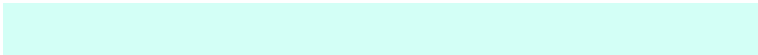
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3419, 93.2407, 80.3726



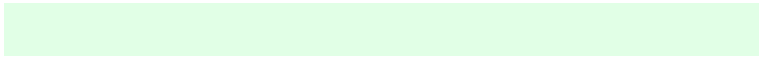
81.0943, 93.2407, 88.5860



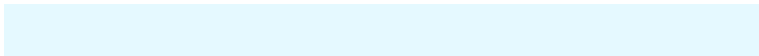
79.8533, 93.2407, 100.9083

Triad

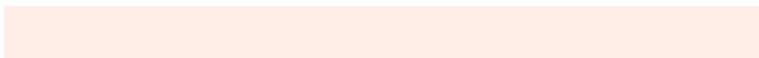
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0943, 93.2407, 88.5860



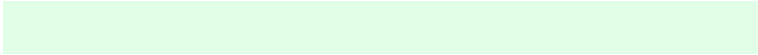
88.4075, 93.2407, 129.7959



96.8308, 93.2407, 89.5641

Complementary

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



81.0943, 93.2407, 88.5860



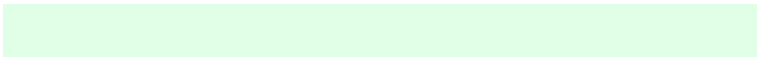
85.4210, 82.0135, 101.7705

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.



98.0113, 93.2407, 102.1407



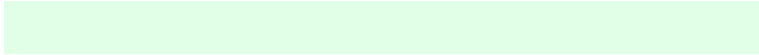
81.0943, 93.2407, 88.5860



93.0455, 93.2407, 126.0927

Square

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



81.0943, 93.2407, 88.5860



83.9819, 93.2407, 125.3821



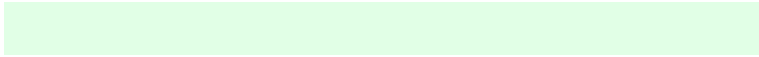
96.6027, 93.2407, 115.6625



93.4310, 93.2407, 80.9011

Rectangle

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



81.0943, 93.2407, 88.5860



80.2960, 93.2407, 110.0627



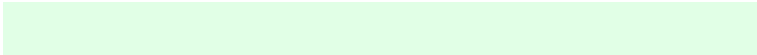
96.6027, 93.2407, 115.6625



97.5055, 93.2407, 93.4374

Sweetspot

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



81.0951, 93.2411, 88.5875



90.0579, 97.5811, 101.6803



88.7753, 97.2804, 85.3335



19.0813, 20.7920, 21.4809



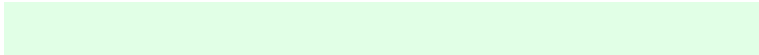
0.0000, 0.0000, 0.0000



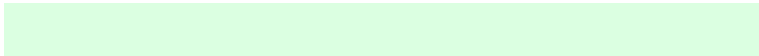
20.3446, 21.4041, 23.3091

Same Dimension

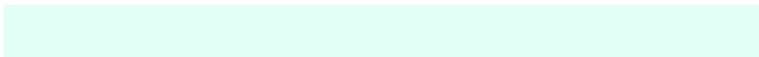
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0951, 93.2411, 88.5875



78.6886, 92.0766, 85.0386



83.2934, 94.1205, 100.1637



17.8951, 20.2176, 19.7504



18.9444, 37.4744, 7.5926



1.8776, 3.6620, 0.9132

Inverse Universe

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



85.4210, 82.0135, 101.7705



83.7565, 78.9224, 100.4822



83.1613, 81.1096, 89.8708



18.6550, 18.2453, 22.0663



27.8392, 13.6250, 34.1333



2.7436, 1.3398, 3.4972

Previews

White Background



This preview shows how the XYZ color 81.0943, 93.2407, 88.5860 looks on a white background.

Color Contrast Check

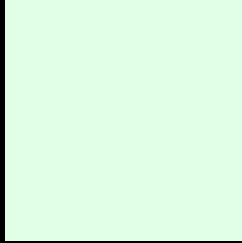
Large Text (above 18pt) WCAG AA × Fail

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 81.0943, 93.2407, 88.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

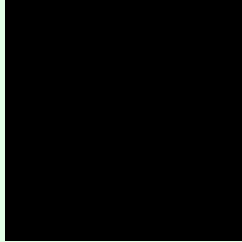
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

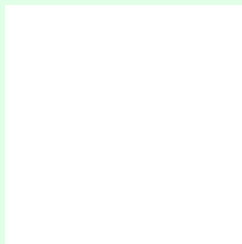
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0943, 93.2407, 88.5860

Background



This preview shows how black text looks on a background with the XYZ color 81.0943, 93.2407, 88.5860.



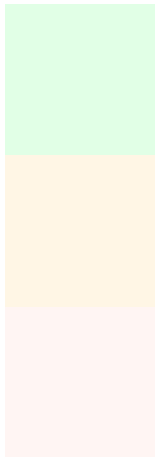
This preview shows how white text looks on a background with the XYZ color 81.0943, 93.2407,

88.5860.

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

81.0943, 93.2407, 88.5860

Protanopia

88.3386, 92.8287, 87.3905

Deuteranopia

90.0701, 93.0359, 98.0045

Tritanopia

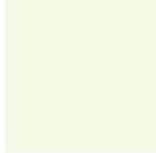
88.2354, 93.2320, 107.9528

Trichromacy



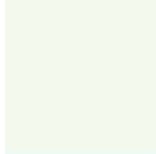
Original Color

81.0943, 93.2407, 88.5860



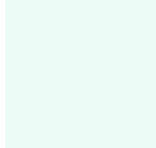
Protanomaly

85.3268, 92.6416, 87.5132



Deuteranomaly

86.6165, 93.1575, 94.3049



Tritanomaly

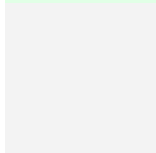
85.7238, 93.4810, 100.7143

Monochromacy



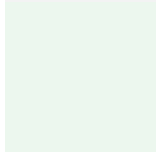
Original Color

81.0943, 93.2407, 88.5860



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.2855, 90.5274, 93.9729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0943, 93.2407, 88.5860 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(225, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 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(225, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 81.0943, 93.2407, 88.5860 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(225, 255, 230) }
```


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

```
.border{ border-color:rgb(225, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0943, 93.2407, 88.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 230) }
```

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

```
.background{ background-color: rgb(225,  
255, 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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