

Converting Colors

XYZ(84.3143, 97.6284, 85.7044)

Have a look what the booklet for
XYZ(84.3143, 97.6284, 85.7044)
contains.

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Color

**XYZ(82.6293, 94.1120,
85.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFE1
RGB	232, 255, 225
RGB Percent	91%, 100%, 88%
CMY	0.0902, 0.0000, 0.1176
CMYK	0.09, 0.00, 0.12, 0.00
HSL	106°, 100%, 94%
HSV	106°, 12%, 100%
XYZ	82.6293, 94.1120, 85.0446
YIQ	244.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

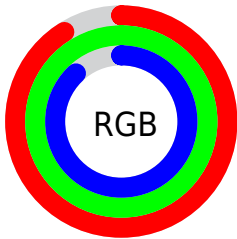
Format	Color
R_{YB}	225, 255, 248
Decimal	15269857
CIE _{Lab}	97.68, -12.79, 11.81
CIE _{LCh}	98, 17.404, 137.277
Yxy	94.1120, 0.3156, 0.3595
Android (android.graphics.Color)	4293459937 (0xFFE8FFE1)
YUV	244.7030, -9.7136, -11.1405
Hunter-Lab	97.0113, -17.7327, 15.9316

Details

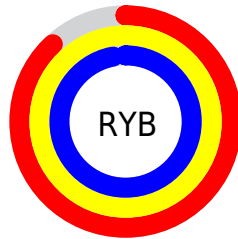
The XYZ color **82.6293, 94.1120, 85.0446** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **83.6874, 81.0281, 105.8369**, and the grayscale version is **86.6298, 91.1413, 99.2529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3543, 52.5206, 45.7773** is the 20% darker color. If you saturate the color by 10%, you get **73.4089, 89.7311, 67.7897**, and if you desaturate by 10%, it is **93.0768, 99.0655, 105.0716**.

Distribution



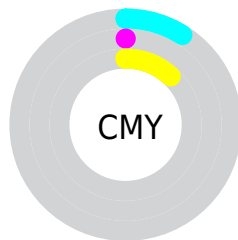
- Red (91%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (97%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6293, 94.1120, 85.0446 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 82.6293, 94.1120, 85.0446 by changing the saturation by 10% instead.


 82.6293, 94.1120,
85.0446

 82.6293, 94.1120,
85.0446


492.3529,
541.3182, 531.9241

 62.2003, 71.3961,
63.3279


135.9874,
153.0372, 142.3102

 45.4507, 52.6655,
45.6638


169.6471,
190.0154, 178.6962

 32.0154, 37.5358,
31.6339


208.4478,
232.5164, 220.8089

 21.5289, 25.6226,
20.8195

252.7548,
280.9246, 269.0671

 13.6258, 16.5415,
12.8022

302.9334,
335.6245, 323.8891

 7.9408, 9.9082,
7.1633

359.3491,

 4.1086, 5.3381,

397.0005, 385.6936

3.4845

422.3671,
465.4370, 454.8991

■ 1.7637, 2.4470,
1.3470

■ 0.4957, 0.8499,
0.0999

■ 82.6293, 94.1120,
85.0446

■ 82.6293, 94.1120,
85.0446

■ 73.4089, 89.7311,
67.7897

■ 93.0768, 99.0655,
105.0716

■ 65.3673, 85.9005,
53.1807

95.0500, 100.0000,
108.9000

■ 58.4564, 82.5983,
41.0879

■ 52.6238, 79.8006,
31.3690

■ 47.8127, 77.4814,
23.8678

■ 43.9607, 75.6125,
18.4089

■ 40.9980, 74.1622,
14.7909

■ 38.8442, 73.0943,
12.7709

■ 37.5933, 72.4651,
12.0058

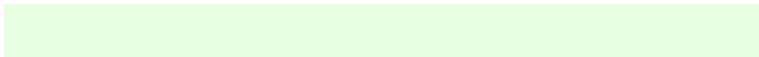
Harmonies

Analogous

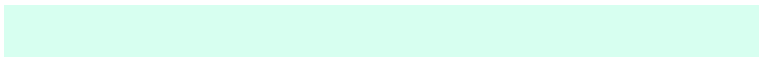
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6495, 94.1120, 78.5530



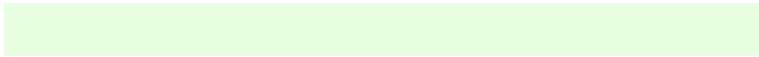
82.6293, 94.1120, 85.0446



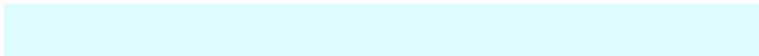
80.4713, 94.1120, 96.5766

Triad

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



82.6293, 94.1120, 85.0446



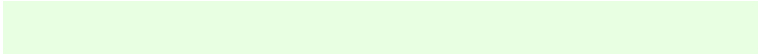
87.3677, 94.1120, 131.4732



98.8646, 94.1120, 94.5765

Complementary

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



82.6293, 94.1120, 85.0446



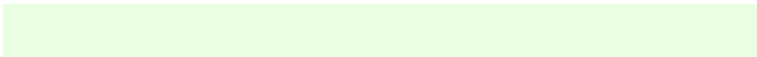
83.6874, 81.0281, 105.8369

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.



99.0743, 94.1120, 108.6025



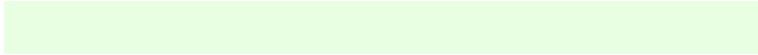
82.6293, 94.1120, 85.0446



92.3115, 94.1120, 130.8115

Square

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



82.6293, 94.1120, 85.0446



83.1383, 94.1120, 123.8632



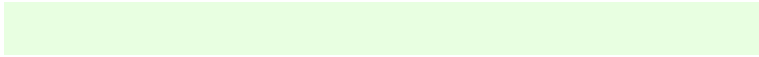
96.6374, 94.1120, 122.1310



96.0746, 94.1120, 83.6973

Rectangle

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



82.6293, 94.1120, 85.0446



80.3248, 94.1120, 105.9688



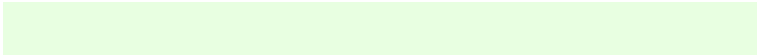
96.6374, 94.1120, 122.1310



99.2427, 94.1120, 99.0530

Sweetspot

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



82.6300, 94.1124, 85.0460



90.6322, 97.9073, 100.3474



88.3984, 93.8314, 84.6878



19.2260, 20.8742, 21.1452



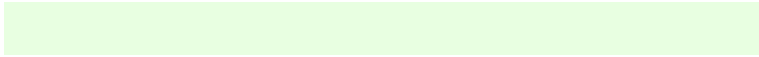
0.0000, 0.0000, 0.0000



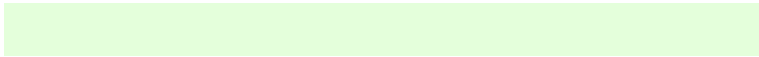
20.3446, 21.4041, 23.3091

Same Dimension

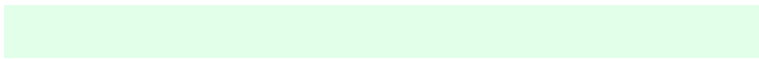
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6300, 94.1124, 85.0460



80.4633, 93.0838, 80.9512



81.5202, 93.4112, 90.8255



18.1682, 20.3726, 19.1191



19.7511, 37.9201, 6.2783



2.0143, 3.7392, 0.6156

Inverse Universe

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



83.6874, 81.0281, 105.8369



81.7014, 77.7540, 105.3096



84.9543, 81.8270, 99.3127



18.3540, 18.0742, 22.7713



21.3972, 9.9411, 50.2257



2.1789, 1.0172, 4.8948

Previews

White Background



This preview shows how the XYZ color 82.6293, 94.1120, 85.0446 looks on a white background.

Color Contrast Check

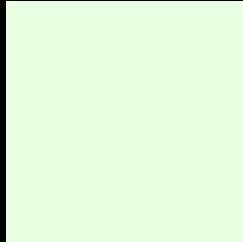
Large Text (above 18pt) WCAG AA × Fail

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 82.6293, 94.1120, 85.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

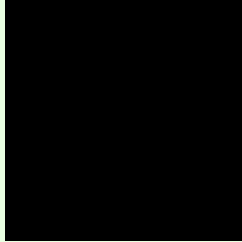
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

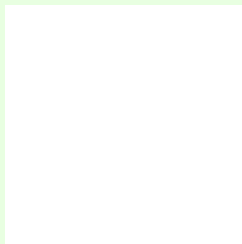
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6293, 94.1120, 85.0446

Background



This preview shows how black text looks on a background with the XYZ color 82.6293, 94.1120, 85.0446.



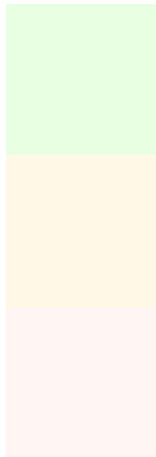
This preview shows how white text looks on a background with the XYZ color 82.6293, 94.1120,

85.0446.

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

82.6293, 94.1120, 85.0446

Protanopia

89.2312, 94.1643, 89.0738

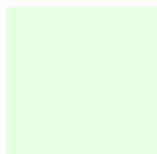
Deuteranopia

90.5249, 93.7032, 98.9033

Tritanopia

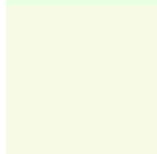
89.2736, 93.7673, 108.0014

Trichromacy



Original Color

82.6293, 94.1120, 85.0446



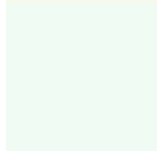
Protanomaly

86.9978, 94.4257, 87.7694



Deuteranomaly

87.5195, 93.6399, 93.5823



Tritanomaly

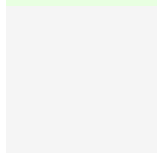
86.7615, 94.0513, 99.1688

Monochromacy



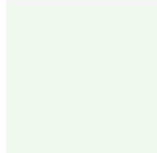
Original Color

82.6293, 94.1120, 85.0446



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.2435, 92.4497, 94.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6293, 94.1120, 85.0446 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(232, 255, 225) looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 225)  
}
```

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(232, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 225) }
```

Border

The CSS property to change the border of an element to XYZ 82.6293, 94.1120, 85.0446 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(232, 255, 225) }
```


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

```
.border{ border-color:rgb(232, 255, 225) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6293, 94.1120, 85.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 225) }
```

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

```
.background{ background-color: rgb(232,  
255, 225) }
```

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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