

Converting Colors

XYZ(82.4263, 93.9727, 86.6007)

Have a look what the booklet for
XYZ(82.4263, 93.9727, 86.6007)
contains.

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Color

**XYZ(82.2583, 93.8890,
86.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFE3
RGB	230, 255, 227
RGB Percent	90%, 100%, 89%
CMY	0.0980, 0.0000, 0.1098
CMYK	0.10, 0.00, 0.11, 0.00
HSL	114°, 100%, 95%
HSV	114°, 11%, 100%
XYZ	82.2583, 93.8890, 86.4600
YIQ	244.3330, -5.9120, -14.0080

Conversions

Conversions Part 2

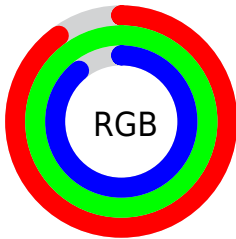
Format	Color
R_{YB}	227, 255, 252
Decimal	15138787
CIE _{Lab}	97.59, -13.11, 10.64
CIE _{LCh}	98, 16.885, 140.954
Yxy	93.8890, 0.3132, 0.3575
Android (android.graphics.Color)	4293328867 (0xFFE6FFE3)
YUV	244.3330, -8.5452, -12.5700
Hunter-Lab	96.8963, -18.0344, 14.9233

Details

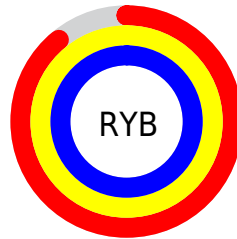
The XYZ color **82.2583, 93.8890, 86.4600** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **85.6646, 82.8548, 106.0853**, and the grayscale version is **86.3249, 90.8206, 98.9036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0960, 52.3654, 46.7604** is the 20% darker color. If you saturate the color by 10%, you get **72.1593, 89.0598, 68.9555**, and if you desaturate by 10%, it is **93.8346, 99.4196, 106.7574**.

Distribution



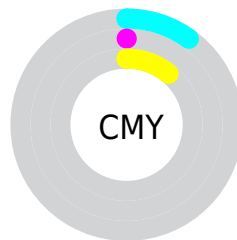
- Red (90%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2583, 93.8890, 86.4600 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 82.2583, 93.8890, 86.4600 by changing the saturation by 10% instead.


 82.2583, 93.8890,
86.4600

 82.2583, 93.8890,
86.4600

491.1327,
540.6021, 536.7169

 61.8933, 71.2106,
64.4913

135.4701,
152.7288, 144.3035

 45.2018, 52.5141,
46.6000

169.0476,
189.6591, 181.0153

 31.8183, 37.4150,
32.3675


207.7600,
232.1087, 223.4787

 21.3777, 25.5290,
21.3752

251.9726,
280.4622, 272.1121

 13.5144, 16.4716,
13.2046

302.0509,
335.1039, 327.3341

 7.8631, 9.8585,
7.4372

358.3601,

 4.0585, 5.3052,

396.4182, 389.5632

3.6544

421.2655,
464.7894, 459.2179

■ 1.7353, 2.4274,
1.4378

■ 0.4782, 0.8400,
0.1709

■ 82.2583, 93.8890,
86.4600

■ 82.2583, 93.8890,
86.4600

■ 72.1593, 89.0598,
68.9555

■ 93.8346, 99.4196,
106.7574

■ 63.4756, 84.9026,
54.1177

■ 95.0500, 100.0000,
108.9000

■ 56.1445, 81.3880,
41.8169

■ 50.0976, 78.4837,
31.9112

■ 45.2602, 76.1546,
24.2445

■ 41.5503, 74.3622,
18.6423

■ 38.8751, 73.0631,
14.9046

■ 37.1269, 72.2068,
12.7912

■ 36.2205, 71.7574,
11.9416

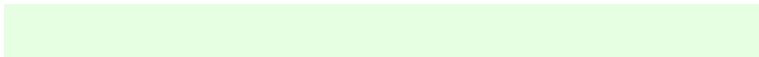
Harmonies

Analogous

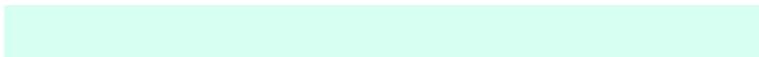
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9774, 93.8890, 79.4701



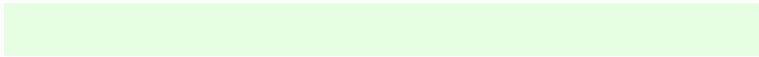
82.2583, 93.8890, 86.4600



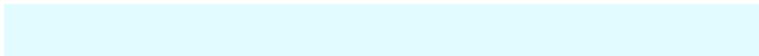
80.4275, 93.8890, 98.1276

Triad

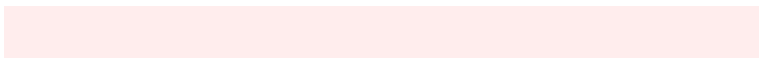
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2583, 93.8890, 86.4600



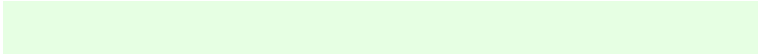
87.7948, 93.8890, 130.6296



98.1418, 93.8890, 93.0614

Complementary

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



82.2583, 93.8890, 86.4600



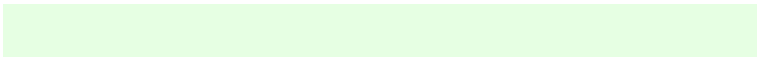
85.6646, 82.8548, 106.0853

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.



98.6710, 93.8890, 106.4434



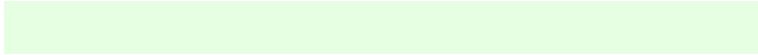
82.2583, 93.8890, 86.4600



92.5814, 93.8890, 128.9649

Square

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



82.2583, 93.8890, 86.4600



83.5478, 93.8890, 124.1715



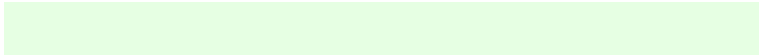
96.6032, 93.8890, 119.8078



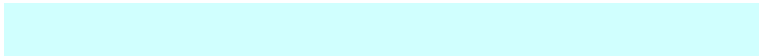
95.1823, 93.8890, 83.0372

Rectangle

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



82.2583, 93.8890, 86.4600



80.4773, 93.8890, 107.3365



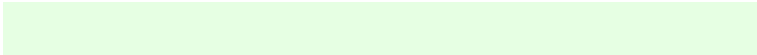
96.6032, 93.8890, 119.8078



98.6139, 93.8890, 97.2865

Sweetspot

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



82.2591, 93.8894, 86.4615



91.3741, 98.2445, 102.4263



89.8322, 96.2597, 86.5198



19.3525, 20.9303, 21.5625



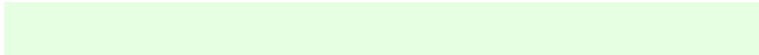
0.0000, 0.0000, 0.0000



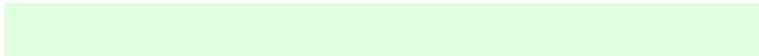
20.3446, 21.4041, 23.3091

Same Dimension

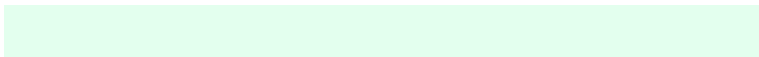
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2591, 93.8894, 86.4615



80.1014, 92.8581, 82.7035



82.8328, 94.0087, 94.4643



17.9521, 20.2612, 19.1090



18.9839, 37.5247, 6.2424



1.9048, 3.6827, 0.6104

Inverse Universe

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



85.6646, 82.8548, 106.0853



84.0768, 79.9755, 105.6132



85.0794, 82.7472, 97.2886



18.5897, 18.1957, 22.7823



26.1738, 12.4036, 50.4492



2.6011, 1.2348, 4.9145

Previews

White Background



This preview shows how the XYZ color 82.2583, 93.8890, 86.4600 looks on a white background.

Color Contrast Check

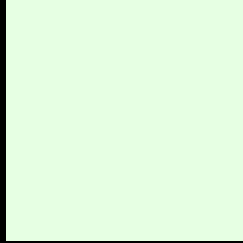
Large Text (above 18pt) WCAG AA × Fail

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 82.2583, 93.8890, 86.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

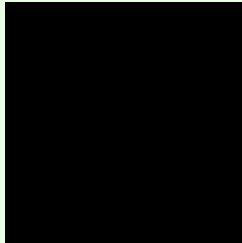
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

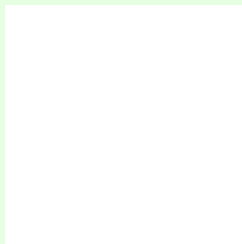
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2583, 93.8890, 86.4600

Background



This preview shows how black text looks on a background with the XYZ color 82.2583, 93.8890, 86.4600.



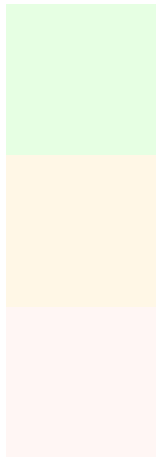
This preview shows how white text looks on a background with the XYZ color 82.2583, 93.8890,

86.4600.

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

82.2583, 93.8890, 86.4600

Protanopia

88.7837, 93.4947, 88.2298

Deuteranopia

90.5249, 93.7032, 98.9033

Tritanopia

88.9256, 93.5879, 107.9851

Trichromacy



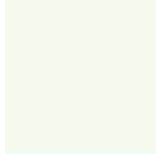
Original Color

82.2583, 93.8890, 86.4600



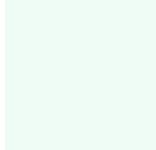
Protanomaly

86.3345, 93.6212, 87.6491



Deuteranomaly

87.3143, 93.5172, 94.3376



Tritanomaly

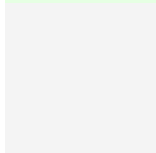
86.5752, 93.9377, 99.9550

Monochromacy



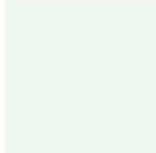
Original Color

82.2583, 93.8890, 86.4600



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.5966, 91.6586, 94.1221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2583, 93.8890, 86.4600 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(230, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 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(230, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.2583, 93.8890, 86.4600 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(230, 255, 227) }
```


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

```
.border{ border-color:rgb(230, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2583, 93.8890, 86.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 227) }
```

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

```
.background{ background-color: rgb(230,  
255, 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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