

Converting Colors

XYZ(88.7090, 100.0000,
94.6934)

Have a look what the booklet for
XYZ(88.7090, 100.0000, 94.6934)
contains.

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Color

**XYZ(86.6427, 95.9851,
94.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFED
RGB	239, 255, 237
RGB Percent	94%, 100%, 93%
CMY	0.0627, 0.0000, 0.0706
CMYK	0.06, 0.00, 0.07, 0.00
HSL	113°, 100%, 96%
HSV	113°, 7%, 100%
XYZ	86.6427, 95.9851, 94.0812
YIQ	248.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

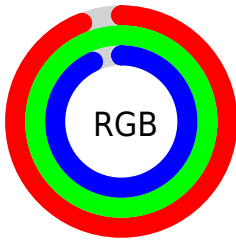
Format	Color
R_{YB}	237, 255, 253
Decimal	15728621
CIE _{Lab}	98.43, -8.41, 6.79
CIE _{LCh}	98, 10.812, 141.069
Yxy	95.9851, 0.3131, 0.3469
Android (android.graphics.Color)	4293918701 (0xFFEFFFED)
YUV	248.1640, -5.5039, -8.0368
Hunter-Lab	97.9720, -13.5924, 11.6450

Details

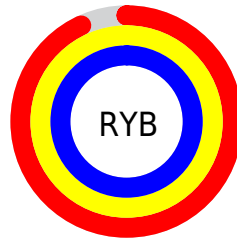
The XYZ color **86.6427, 95.9851, 94.0812** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.8428, 88.6722, 107.0407**, and the grayscale version is **89.4026, 94.0585, 102.4297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0630, 53.7916, 51.5657** is the 20% darker color. If you saturate the color by 10%, you get **75.9989, 90.8984, 75.4980**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

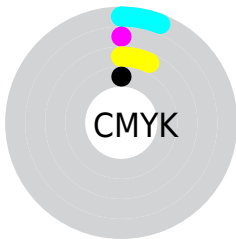
Distribution



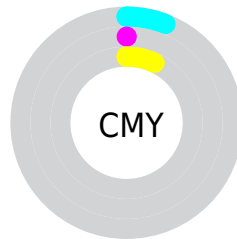
- Red (94%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (99%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6427, 95.9851, 94.0812 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 86.6427, 95.9851, 94.0812 by changing the saturation by 10% instead.


 86.6427, 95.9851,
94.0812

 86.6427, 95.9851,
94.0812


505.4502,
547.3139, 562.1284

 65.5266, 72.9551,
70.7778


141.5682,
155.6249, 154.9793

 48.1545, 53.9393,
51.6802

176.1084,
193.0034, 193.4111

 34.1610, 38.5531,
36.3697


215.8540,
235.9337, 237.7227

 23.1808, 26.4123,
24.4279

261.1703,
284.8000, 288.3328

 14.8485, 17.1323,
15.4362

312.4227,
339.9868, 345.6599

 8.7987, 10.3289,
8.9761

369.9766,

 4.6662, 5.6176,

401.8785, 410.1225

4.6290

434.1973,
470.8593, 482.1391

■ 2.0855, 2.6140,
1.9764

■ 0.6813, 0.9337,
0.5407

■ 86.6427, 95.9851,
94.0812

■ 86.6427, 95.9851,
94.0812

■ 75.9989, 90.8984,
75.4980

95.0500, 100.0000,
108.9000

■ 66.7863, 86.4908,
59.6298

■ 58.9442, 82.7338,
46.3509

■ 52.4068, 79.5965,
35.5239

■ 47.1028, 77.0454,
26.9987

■ 42.9541, 75.0438,
20.6089

■ 39.8732, 73.5507,
16.1654

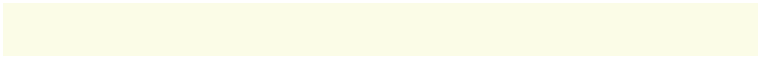
■ 37.7603, 72.5195,
13.4465

■ 36.4943, 71.8938,
12.1689

Harmonies

Analogous

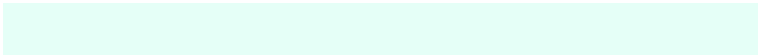
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0910, 95.9851, 89.2828



86.6427, 95.9851, 94.0812



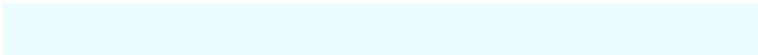
85.4312, 95.9851, 101.8664

Triad

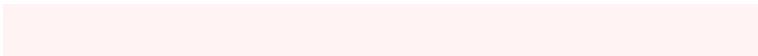
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6427, 95.9851, 94.0812



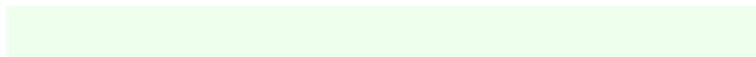
90.3026, 95.9851, 122.4223



96.9451, 95.9851, 98.4551

Complementary

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



86.6427, 95.9851, 94.0812



88.8428, 88.6722, 107.0407

Split Complementary

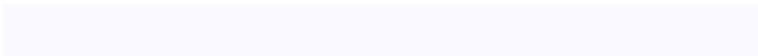
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.2875, 95.9851, 107.2019



86.6427, 95.9851, 94.0812



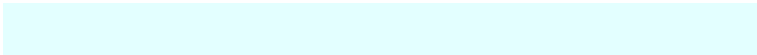
93.4049, 95.9851, 121.3802

Square

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



86.6427, 95.9851, 94.0812



87.5124, 95.9851, 118.4565



95.9784, 95.9851, 115.6855



95.0534, 95.9851, 91.7062

Rectangle

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



86.6427, 95.9851, 94.0812



85.4684, 95.9851, 107.8453



95.9784, 95.9851, 115.6855



97.2469, 95.9851, 101.2470

Sweetspot

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



86.6435, 95.9856, 94.0827



92.5914, 98.8262, 104.5556



91.6201, 97.5621, 94.1247



19.8441, 21.1652, 22.4247



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.



86.6435, 95.9856, 94.0827



85.5782, 95.4767, 92.2130



86.9998, 96.0505, 99.4635



17.9589, 20.2647, 19.1093



19.0000, 37.5329, 6.2432



1.9080, 3.6844, 0.6106

Inverse Universe

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



88.8428, 88.6722, 107.0407



88.0549, 87.2405, 106.8058



88.4837, 88.6130, 101.3293



18.5822, 18.1919, 22.7819



26.0090, 12.3186, 50.4415



2.5867, 1.2274, 4.9139

Previews

White Background



This preview shows how the XYZ color 86.6427, 95.9851, 94.0812 looks on a white background.

Color Contrast Check

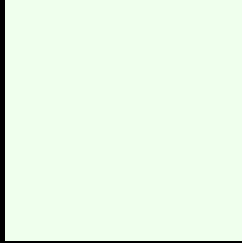
Large Text (above 18pt) WCAG AA × Fail

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 86.6427, 95.9851, 94.0812 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

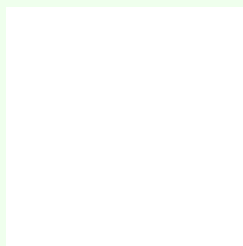
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6427, 95.9851, 94.0812

Background



This preview shows how black text looks on a background with the XYZ color 86.6427, 95.9851, 94.0812.



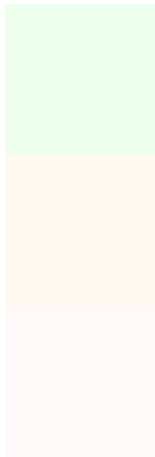
This preview shows how white text looks on a background with the XYZ color 86.6427, 95.9851,

94.0812.

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

86.6427, 95.9851, 94.0812

Protanopia

91.3028, 95.9821, 96.9333

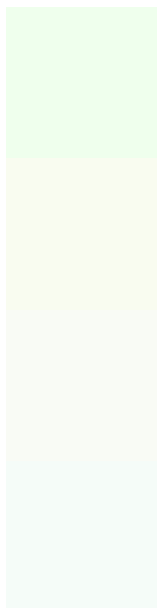
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.6427, 95.9851, 94.0812

Protanomaly

89.6055, 96.0518, 96.2552

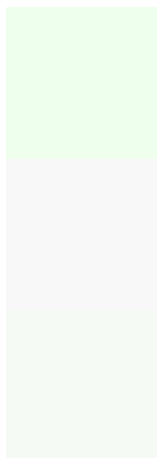
Deuteranomaly

90.0455, 95.7267, 100.1174

Tritanomaly

89.4099, 95.8106, 102.5878

Monochromacy



Original Color

86.6427, 95.9851, 94.0812

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.4825, 94.9385, 99.2494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6427, 95.9851, 94.0812 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(239, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 237)  
}
```

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(239, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.6427, 95.9851, 94.0812 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(239, 255, 237) }
```


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

```
.border{ border-color:rgb(239, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6427, 95.9851, 94.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 237) }
```

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

```
.background{ background-color: rgb(239,  
255, 237) }
```

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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