

Converting Colors

XYZ(85.3579, 95.9115, 98.9790)

Have a look what the booklet for
XYZ(85.3579, 95.9115, 98.9790)
contains.

XYZ(84.8927, 94.9800, 98.6527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.8927, 94.9800,
98.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFF3
RGB	231, 255, 243
RGB Percent	91%, 100%, 95%
CMY	0.0941, 0.0000, 0.0471
CMYK	0.09, 0.00, 0.05, 0.00
HSL	150°, 100%, 95%
HSV	150°, 9%, 100%
XYZ	84.8927, 94.9800, 98.6527
YIQ	246.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

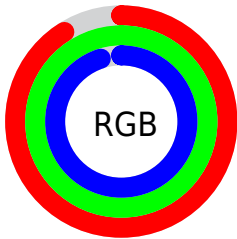
Format	Color
R _Y B	231, 247, 255
Decimal	15204339
CIE Lab	98.03, -9.97, 3.07
CIE LCh	98, 10.431, 162.902
Yxy	94.9800, 0.3048, 0.3410
Android (android.graphics.Color)	4293394419 (0xFFE7FFF3)
YUV	246.4560, -1.7038, -13.5549
Hunter-Lab	97.4577, -15.0645, 8.2034

Details

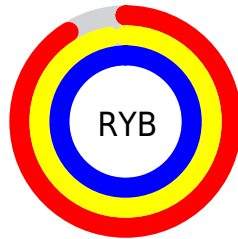
The XYZ color **84.8927, 94.9800, 98.6527** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.9941, 84.8840, 96.6459**, and the grayscale version is **87.9856, 92.5677, 100.8062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8429, 53.0900, 54.7922** is the 20% darker color. If you saturate the color by 10%, you get **75.3940, 90.2980, 88.5048**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

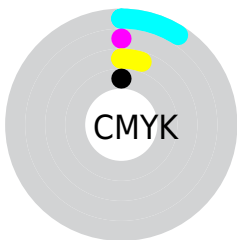
Distribution



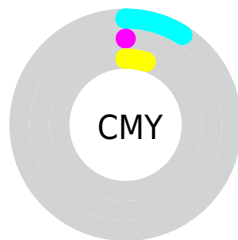
- Red (91%)
- Green (100%)
- Blue (95%)



- Red (91%)
- Yellow (97%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8927, 94.9800, 98.6527 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 84.8927, 94.9800, 98.6527 by changing the saturation by 10% instead.

84.8927, 94.9800,
98.6527

84.8927, 94.9800,
98.6527

499.7620,
544.1009, 577.0741

64.0749, 72.1183,
74.5652

139.1381,
154.2370, 161.3401

46.9733, 53.2553,
54.7572

173.2963,
191.4011, 200.7772

33.2224, 38.0066,
38.8101

212.6322,
234.1014, 246.1679

22.4569, 25.9879,
26.3053

257.5109,
282.7224, 297.9307

14.3115, 16.8146,
16.8244

308.2979,
337.6485, 356.4841

8.4208, 10.1024,
9.9487

365.3585,

4.4194, 5.4669,

399.2640, 422.2469

5.2598

429.0581,
467.9534, 495.6374

■ 1.9420, 2.5237,
2.3391

■ 0.6011, 0.8885,
0.7530

■ 84.8927, 94.9800,
98.6527

■ 84.8927, 94.9800,
98.6527

■ 75.3940, 90.2980,
88.5048

95.0500, 100.0000,
108.9000

■ 67.1729, 86.2595,
79.0991

■ 60.1720, 82.8353,
70.4199

■ 54.3286, 79.9933,
62.4493

■ 49.5739, 77.6984,
55.1686

■ 45.8317, 75.9116,
48.5579

■ 43.0148, 74.5885,
42.5965

■ 41.0205, 73.6764,
37.2620

■ 39.6923, 73.0951,
32.5289

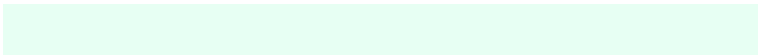
Harmonies

Analogous

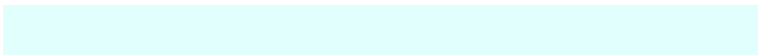
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4192, 94.9800, 91.8219



84.8927, 94.9800, 98.6527



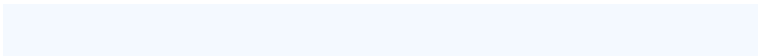
84.7882, 94.9800, 107.1363

Triad

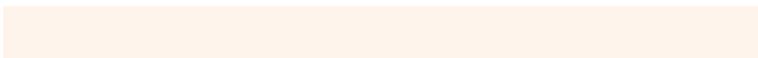
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8927, 94.9800, 98.6527



91.5651, 94.9800, 120.3064



94.5517, 94.9800, 92.6112

Complementary

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



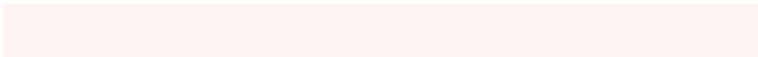
84.8927, 94.9800, 98.6527



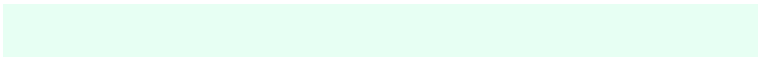
85.9941, 84.8840, 96.6459

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.



95.9949, 94.9800, 99.7849



84.8927, 94.9800, 98.6527



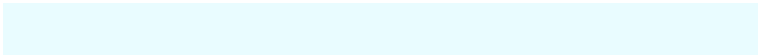
94.2452, 94.9800, 115.9495

Square

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



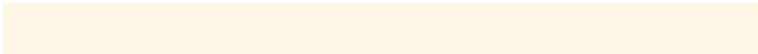
84.8927, 94.9800, 98.6527



88.5964, 94.9800, 119.9617



95.8815, 94.9800, 108.3324



91.9760, 94.9800, 88.4681

Rectangle

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



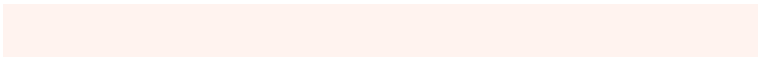
84.8927, 94.9800, 98.6527



85.5354, 94.9800, 112.6189



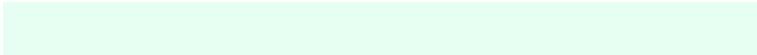
95.8815, 94.9800, 108.3324



95.1878, 94.9800, 94.7306

Sweetspot

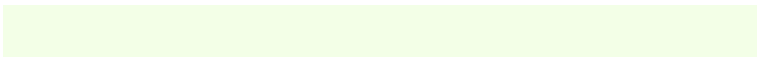
The Sweet Spot groups the original color and five complimentary colors.



84.8936, 94.9804, 98.6542



91.6816, 98.3339, 105.5599



87.1466, 96.3445, 89.6060



19.4354, 20.9545, 22.4056



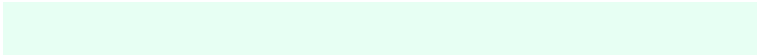
0.0000, 0.0000, 0.0000



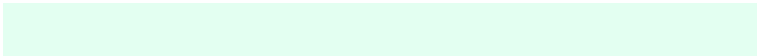
20.3446, 21.4041, 23.3091

Same Dimension

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



84.8936, 94.9804, 98.6542



83.2964, 94.1922, 96.9911



86.7656, 95.7292, 108.5123



18.1504, 20.3197, 21.0950



20.7798, 38.2085, 17.2575



2.0784, 3.7423, 1.9706

Inverse Universe

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



85.9941, 84.8840, 96.6459



84.5687, 82.5201, 94.6694



84.2405, 84.1825, 87.4116



18.3882, 18.1386, 20.6612



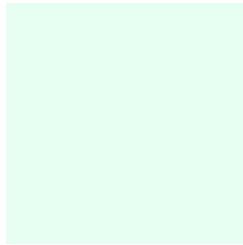
23.6425, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 84.8927, 94.9800, 98.6527 looks on a white background.

Color Contrast Check

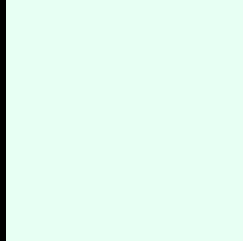
Large Text (above 18pt) WCAG AA × Fail

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 84.8927, 94.9800, 98.6527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

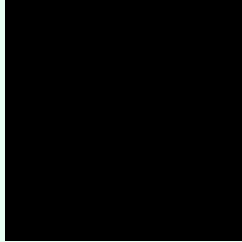
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

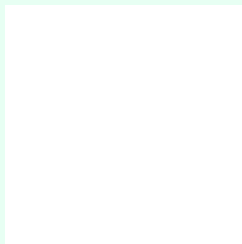
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8927, 94.9800, 98.6527

Background



This preview shows how black text looks on a background with the XYZ color 84.8927, 94.9800, 98.6527.



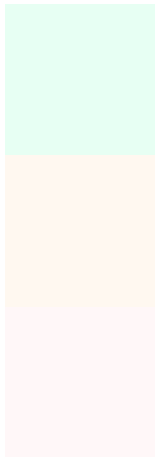
This preview shows how white text looks on a background with the XYZ color 84.8927, 94.9800,

98.6527.

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

84.8927, 94.9800, 98.6527

Protanopia

90.5356, 94.6861, 95.9426

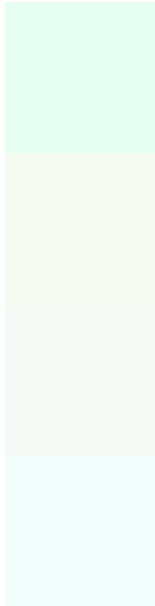
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

84.8927, 94.9800, 98.6527

Protanomaly

88.3804, 94.9381, 96.8858

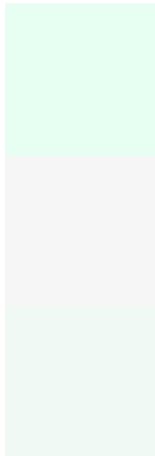
Deuteranomaly

88.8262, 94.6179, 100.7702

Tritanomaly

88.4986, 95.2866, 104.9946

Monochromacy



Original Color

84.8927, 94.9800, 98.6527

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.6327, 93.0447, 99.7796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8927, 94.9800, 98.6527 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(231, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 243)  
}
```

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(231, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.8927, 94.9800, 98.6527 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(231, 255, 243) }
```


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

```
.border{ border-color:rgb(231, 255, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8927, 94.9800, 98.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 243) }
```

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

```
.background{ background-color: rgb(231,  
255, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor