

Converting Colors

XYZ(87.1337, 100.0000,
104.3260)

Have a look what the booklet for
XYZ(87.1337, 100.0000, 104.3260)
contains.

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Color

**XYZ(84.5374, 94.6904,
103.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF9
RGB	227, 255, 249
RGB Percent	89%, 100%, 98%
CMY	0.1098, 0.0000, 0.0235
CMYK	0.11, 0.00, 0.02, 0.00
HSL	167°, 100%, 95%
HSV	167°, 11%, 100%
XYZ	84.5374, 94.6904, 103.4440
YIQ	245.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

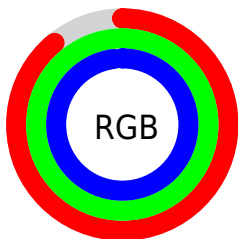
Format	Color
R_{YB}	227, 243, 255
Decimal	14942201
CIE _{Lab}	97.91, -10.14, -0.22
CIE _{LCh}	98, 10.145, 181.226
Yxy	94.6904, 0.2991, 0.3350
Android (android.graphics.Color)	4293132281 (0xFFE3FFF9)
YUV	245.9440, 1.5066, -16.6139
Hunter-Lab	97.3090, -15.2185, 5.0883

Details

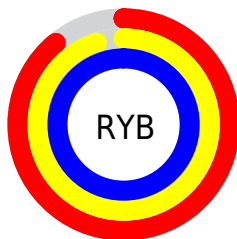
The XYZ color **84.5374, 94.6904, 103.4440** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.4176, 82.0825, 88.5379**, and the grayscale version is **87.5485, 92.1078, 100.3054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6143, 52.8963, 58.2053** is the 20% darker color. If you saturate the color by 10%, you get **76.2417, 90.5109, 98.6732**, and if you desaturate by 10%, it is **94.0509, 99.4949, 108.4041**.

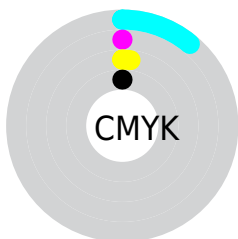
Distribution



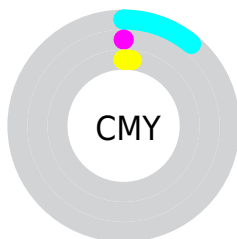
- Red (89%)
- Green (100%)
- Blue (98%)



- Red (89%)
- Yellow (95%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5374, 94.6904, 103.4440 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 84.5374, 94.6904, 103.4440 by changing the saturation by 10% instead.

84.5374, 94.6904,
103.4440

84.5374, 94.6904,
103.4440

498.6029,
543.1734, 592.5196

63.7804, 71.8773,
78.5470

138.6440,
153.8368, 167.9750

46.7339, 53.0585,
58.0043

172.7244,
190.9389, 208.4462

33.0324, 37.8494,
41.3974

211.9766,
233.5729, 254.9458

22.3106, 25.8659,
28.3077

256.7661,
282.1230, 307.8924

14.2032, 16.7233,
18.3167

307.4580,
336.9737, 367.7045

8.3448, 10.0374,
11.0058

364.4179,

4.3700, 5.4238,

398.5094, 434.8008

5.9565

428.0111,
467.1145, 509.5996

■ 1.9135, 2.4980,
2.7503

■ 0.5847, 0.8756,
0.9686

■ 84.5374, 94.6904,
103.4440

■ 84.5374, 94.6904,
103.4440

■ 76.2417, 90.5109,
98.6732

94.0509, 99.4949,
108.4041

■ 69.1087, 86.9278,
94.0836

95.0500, 100.0000,
108.9000

■ 63.0829, 83.9128,
89.6730

■ 58.1035, 81.4344,
85.4374

■ 54.1034, 79.4581,
81.3726

■ 51.0078, 77.9454,
77.4739

■ 48.7306, 76.8518,
73.7362

■ 47.1688, 76.1243,
70.1534

■ 46.2286, 75.7074,
67.0468

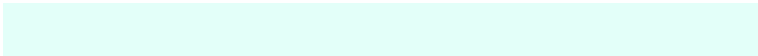
Harmonies

Analogous

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



85.1985, 94.6904, 95.6008



84.5374, 94.6904, 103.4440



85.3137, 94.6904, 111.6082

Triad

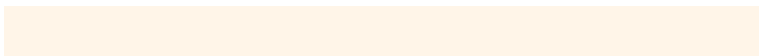
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5374, 94.6904, 103.4440



92.9236, 94.6904, 117.3764



92.7125, 94.6904, 89.7220

Complementary

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



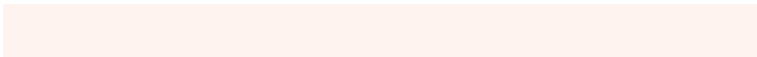
84.5374, 94.6904, 103.4440



83.4176, 82.0825, 88.5379

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.



94.8557, 94.6904, 95.0389



84.5374, 94.6904, 103.4440



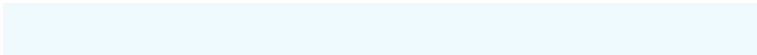
94.9793, 94.6904, 110.9851

Square

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



84.5374, 94.6904, 103.4440



90.1198, 94.6904, 119.9141



95.6938, 94.6904, 102.7603



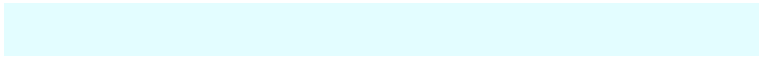
89.8811, 94.6904, 87.9392

Rectangle

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



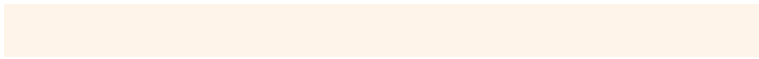
84.5374, 94.6904, 103.4440



86.5518, 94.6904, 116.0661



95.6938, 94.6904, 102.7603



93.5394, 94.6904, 91.1406

Sweetspot

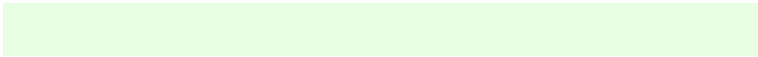
The Sweet Spot groups the original color and five complimentary colors.



84.5383, 94.6909, 103.4455



92.0285, 98.4727, 107.3871



83.2520, 94.4013, 86.5079



19.5292, 20.9920, 22.8993



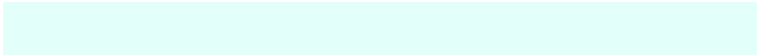
0.0000, 0.0000, 0.0000



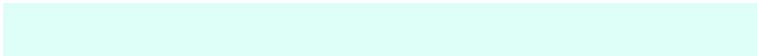
20.3446, 21.4041, 23.3091

Same Dimension

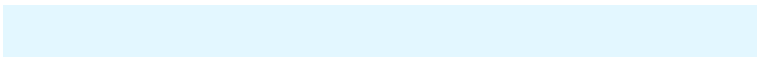
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5383, 94.6909, 103.4455



82.7657, 93.7969, 102.4664



83.0105, 90.1139, 107.6263



18.3784, 20.4109, 22.2956



24.2127, 39.5817, 35.3352



2.3970, 3.8697, 3.6487

Inverse Universe

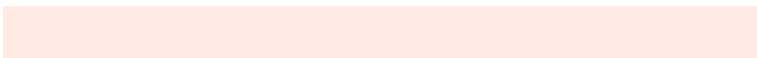
The Inverse Universe completely reimagines the original color for something new.



83.4176, 82.0825, 88.5379



81.4576, 79.0774, 85.0638



84.7951, 86.1855, 84.8408



18.1686, 18.0508, 19.5050



21.9486, 11.2687, 3.1136



2.1751, 1.1124, 0.5035

Previews

White Background



This preview shows how the XYZ color 84.5374, 94.6904, 103.4440 looks on a white background.

Color Contrast Check

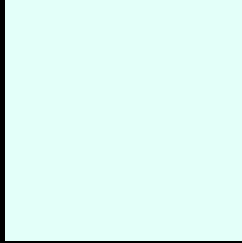
Large Text (above 18pt) WCAG AA × Fail

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 84.5374, 94.6904, 103.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

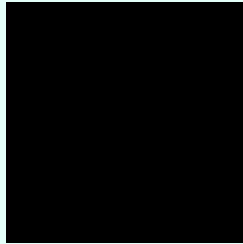
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

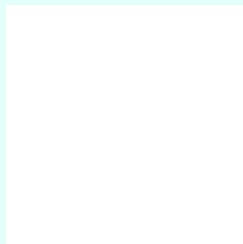
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5374, 94.6904, 103.4440

Background



This preview shows how black text looks on a background with the XYZ color 84.5374, 94.6904, 103.4440.



This preview shows how white text looks on a background with the XYZ color 84.5374, 94.6904,

103.4440.

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

84.5374, 94.6904, 103.4440

Protanopia

90.6152, 94.1849, 99.7898

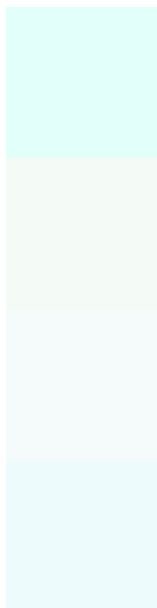
Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

84.5374, 94.6904, 103.4440

Protanomaly

88.1284, 94.2581, 100.7376

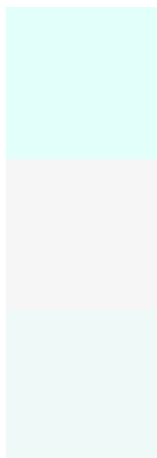
Deuteranomaly

89.0971, 94.6858, 104.0227

Tritanomaly

87.4867, 94.2634, 106.5121

Monochromacy



Original Color

84.5374, 94.6904, 103.4440

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.2608, 92.8175, 101.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5374, 94.6904, 103.4440 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(227, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 249)  
}
```

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(227, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 84.5374, 94.6904, 103.4440 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(227, 255, 249) }
```


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

```
.border{ border-color:rgb(227, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5374, 94.6904, 103.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 249) }
```

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

```
.background{ background-color: rgb(227,  
255, 249) }
```

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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