

Converting Colors

XYZ(84.5496, 93.6574,
103.3187)

Have a look what the booklet for
XYZ(84.5496, 93.6574, 103.3187)
contains.

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Color

**XYZ(84.5373, 93.7481,
103.2621)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FDF9
RGB	229, 253, 249
RGB Percent	90%, 99%, 98%
CMY	0.1020, 0.0078, 0.0235
CMYK	0.09, 0.00, 0.02, 0.01
HSL	170°, 86%, 95%
HSV	170°, 9%, 99%
XYZ	84.5373, 93.7481, 103.2621
YIQ	245.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

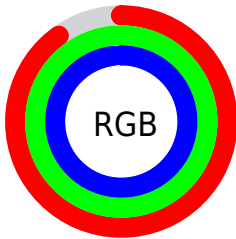
Format	Color
R _Y B	229, 242, 253
Decimal	15072761
CIE Lab	97.53, -8.51, -0.76
CIE LCh	98, 8.542, 185.074
Yxy	93.7481, 0.3003, 0.3330
Android (android.graphics.Color)	4293262841 (0xFFE5FDF9)
YUV	245.3680, 1.7906, -14.3547
Hunter-Lab	96.8236, -13.5918, 4.5439

Details

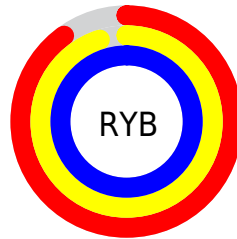
The XYZ color **84.5373, 93.7481, 103.2621** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.2388, 82.8071, 88.6915**, and the grayscale version is **87.0831, 91.6182, 99.7722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5991, 52.2143, 58.0744** is the 20% darker color. If you saturate the color by 10%, you get **76.3953, 89.6285, 99.4851**, and if you desaturate by 10%, it is **93.8760, 98.4880, 107.1762**.

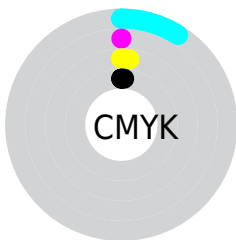
Distribution



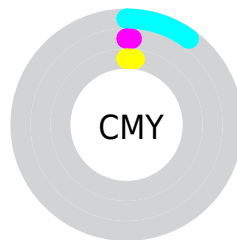
- Red (90%)
- Green (99%)
- Blue (98%)



- Red (90%)
- Yellow (95%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5373, 93.7481, 103.2621 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 84.5373, 93.7481, 103.2621 by changing the saturation by 10% instead.

84.5373, 93.7481,
103.2621

84.5373, 93.7481,
103.2621

498.6025,
540.1493, 591.9372

63.7803, 71.0935,
78.3956

138.6439,
152.5339, 167.7237

46.7338, 52.4185,
57.8807

172.7243,
189.4339, 208.1559

33.0323, 37.3387,
41.2986

211.9765,
231.8511, 254.6138

22.3106, 25.4699,
28.2311

256.7658,
280.1699, 307.5159

14.2032, 16.4275,
18.2593

307.4578,
334.7748, 367.2808

8.3447, 9.8271,
10.9650

364.4177,

4.3700, 5.2845,

396.0500, 434.3269

5.9294

428.0108,
464.3801, 509.0728

■ 1.9135, 2.4151,
2.7341

■ 0.5847, 0.8337,
0.9605

■ 84.5373, 93.7481,
103.2621

■ 84.5373, 93.7481,
103.2621

■ 76.3953, 89.6285,
99.4851

■ 93.8760, 98.4880,
107.1762

■ 69.3910, 86.0912,
95.8361

■ 94.4170, 98.7340,
108.6890

■ 63.4729, 83.1121,
92.3141

■ 58.5818, 80.6608,
88.9158

■ 54.6532, 78.7040,
85.6377

■ 51.6150, 77.2046,
82.4760

■ 49.3849, 76.1202,
79.4262

■ 47.8652, 75.4003,
76.4833

■ 46.9037, 74.9666,
73.6395

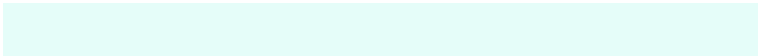
Harmonies

Analogous

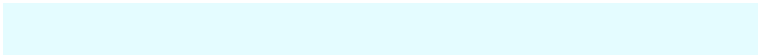
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9399, 93.7481, 96.5467



84.5373, 93.7481, 103.2621



85.3403, 93.7481, 109.9488

Triad

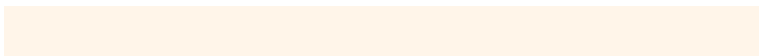
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5373, 93.7481, 103.2621



91.8130, 93.7481, 113.4077



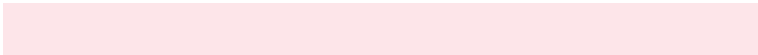
91.0858, 93.7481, 90.4305

Complementary

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



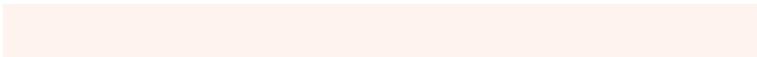
84.5373, 93.7481, 103.2621



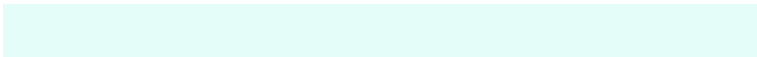
83.2388, 82.8071, 88.6915

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.



92.9784, 93.7481, 94.5878



84.5373, 93.7481, 103.2621



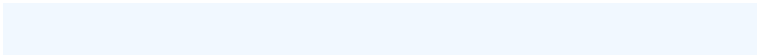
93.4035, 93.7481, 107.8120

Square

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



84.5373, 93.7481, 103.2621



89.5180, 93.7481, 115.9737



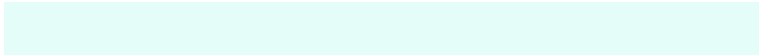
93.8338, 93.7481, 100.8985



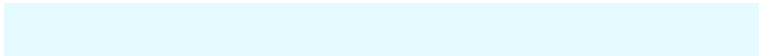
88.6927, 93.7481, 89.3350

Rectangle

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



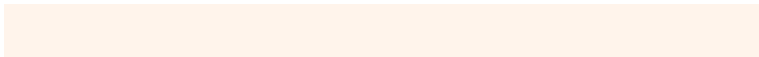
84.5373, 93.7481, 103.2621



86.4599, 93.7481, 113.4288



93.8338, 93.7481, 100.8985



91.8030, 93.7481, 91.5067

Sweetspot

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



84.5400, 93.7520, 103.2642



92.0865, 98.4959, 107.6925



83.0061, 93.3028, 87.7647



19.5449, 20.9982, 22.9820



0.0000, 0.0000, 0.0000



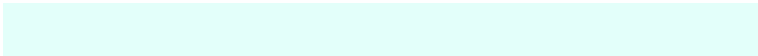
20.3446, 21.4041, 23.3091

Same Dimension

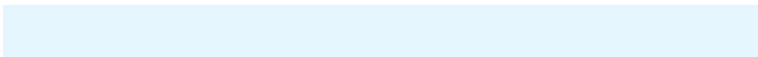
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5400, 93.7520, 103.2642



84.7285, 94.7651, 104.5327



82.8192, 89.3004, 105.8047



18.4171, 20.4264, 22.4993



24.9738, 39.8861, 39.3427



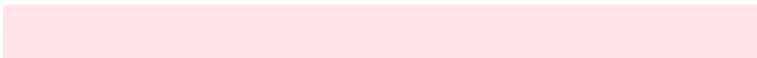
2.4646, 3.8968, 4.0045

Inverse Universe

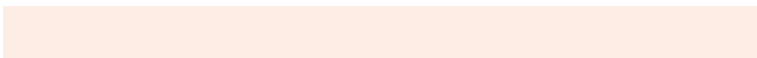
The Inverse Universe completely reimagines the original color for something new.



83.2388, 82.8071, 88.6915



83.2082, 81.9759, 87.5051



84.8226, 86.8798, 86.4292



18.1330, 18.0365, 19.3173



21.8081, 11.2126, 2.3742



2.1564, 1.1049, 0.4052

Previews

White Background



This preview shows how the XYZ color 84.5373, 93.7481, 103.2621 looks on a white background.

Color Contrast Check

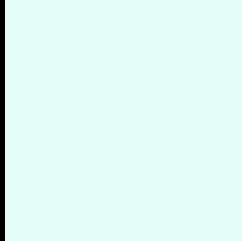
Large Text (above 18pt) WCAG AA × Fail

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 84.5373, 93.7481, 103.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

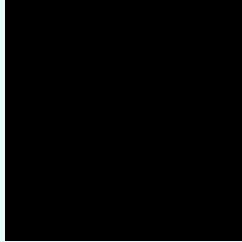
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

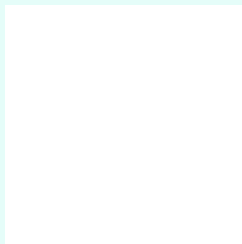
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5373, 93.7481, 103.2621

Background



This preview shows how black text looks on a background with the XYZ color 84.5373, 93.7481, 103.2621.

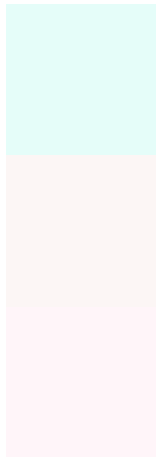


This preview shows how white text looks on a background with the XYZ color 84.5373, 93.7481,

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

84.5373, 93.7481, 103.2621

Protanopia

89.5821, 93.1996, 99.6540

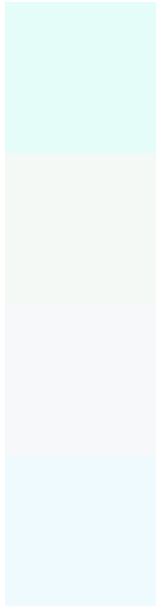
Deuteranopia

90.9913, 93.4044, 102.8556

Tritanopia

88.5795, 93.4095, 107.9689

Trichromacy



Original Color

84.5373, 93.7481, 103.2621

Protanomaly

87.8185, 93.6383, 100.6342

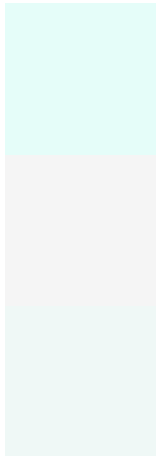
Deuteranomaly

88.6723, 93.5672, 103.0093

Tritanomaly

87.1751, 93.6402, 106.4083

Monochromacy



Original Color

84.5373, 93.7481, 103.2621

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.7986, 92.1393, 100.4514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5373, 93.7481, 103.2621 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(229, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(229, 253, 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(229, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 249) }
```

Border

The CSS property to change the border of an element to XYZ 84.5373, 93.7481, 103.2621 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(229, 253, 249) }
```


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

```
.border{ border-color:rgb(229, 253, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 253, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(229, 253,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5373, 93.7481, 103.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 249) }
```

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

```
.background{ background-color: rgb(229,  
253, 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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