

Converting Colors

XYZ(85.0932, 97.3907, 97.8432)

Have a look what the booklet for
XYZ(85.0932, 97.3907, 97.8432)
contains.

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Color

**XYZ(83.6321, 94.3649,
97.0254)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | E4FFF1 |
| RGB | 228, 255, 241 |
| RGB Percent | 89%, 100%, 95% |
| CMY | 0.1059, 0.0000, 0.0549 |
| CMYK | 0.11, 0.00, 0.05, 0.00 |
| HSL | 149°, 100%, 95% |
| HSV | 149°, 11%, 100% |
| XYZ | 83.6321, 94.3649, 97.0254 |
| YIQ | 245.3310, -11.5980, -10.0780 |

Conversions

Conversions Part 2

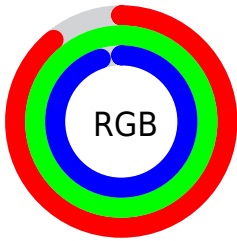
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 228, 246, 255 |
| Decimal | 15007729 |
| CIE Lab | 97.78, -11.30, 3.71 |
| CIE LCh | 98, 11.895, 161.821 |
| Yxy | 94.3649, 0.3041, 0.3431 |
| Android (android.graphics.Color) | 4293197809 (0xFFE4FFF1) |
| YUV | 245.3310, -2.1352, -15.1993 |
| Hunter-Lab | 97.1416, -16.3218, 8.7800 |

Details

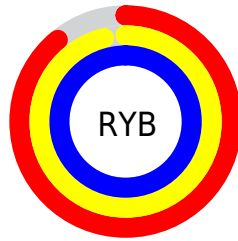
The XYZ color **83.6321, 94.3649, 97.0254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.0109, 83.1586, 95.5751**, and the grayscale version is **87.0804, 91.6154, 99.7691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9643, 52.6616, 53.6411** is the 20% darker color. If you saturate the color by 10%, you get **74.2262, 89.7359, 86.6477**, and if you desaturate by 10%, it is **94.3761, 99.6670, 108.2169**.

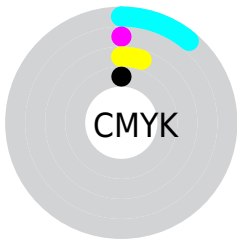
Distribution



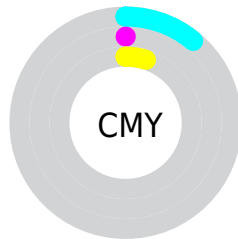
- Red (89%)
- Green (100%)
- Blue (95%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.6321, 94.3649, 97.0254 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 83.6321, 94.3649, 97.0254 by changing the saturation by 10% instead.


 83.6321, 94.3649,
97.0254

 83.6321, 94.3649,
97.0254


495.6429,
542.1298, 571.7781

 63.0304, 71.6065,
73.2157


137.3843,
153.3869, 159.0794

 46.1246, 52.8373,
53.6595


171.2656,
190.4193, 198.1607

 32.5492, 37.6729,
37.9381


210.3042,
232.9784, 243.1697

 21.9389, 25.7289,
25.6332

254.8653,
281.4488, 294.5249

 13.9283, 16.6209,
16.3262

305.3143,
336.2147, 352.6448

 8.1522, 9.9646,
9.5984

362.0167,

 4.2451, 5.3755,

397.6606, 417.9479

5.0314

425.3378,
466.1708, 490.8528

■ 1.8417, 2.4692,
2.2066

■ 0.5426, 0.8612,
0.6782

■ 83.6321, 94.3649,
97.0254

■ 83.6321, 94.3649,
97.0254

■ 74.2262, 89.7359,
86.6477

94.3761, 99.6670,
108.2169

■ 66.1010, 85.7510,
77.0610

95.0500, 100.0000,
108.9000

■ 59.1982, 82.3804,
68.2477

■ 53.4541, 79.5916,
60.1880

■ 48.7987, 77.3490,
52.8611

■ 45.1544, 75.6130,
46.2452

■ 42.4321, 74.3380,
40.3171

■ 40.5262, 73.4700,
35.0520

■ 39.3218, 72.9447,
30.6760

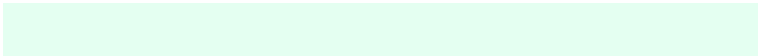
Harmonies

Analogous

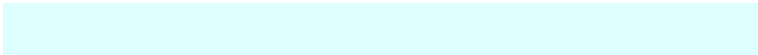
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4092, 94.3649, 89.4379



83.6321, 94.3649, 97.0254



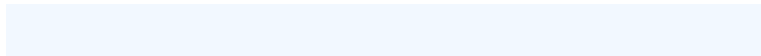
83.4534, 94.3649, 106.6240

Triad

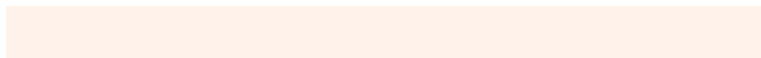
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6321, 94.3649, 97.0254



91.0346, 94.3649, 122.1496



94.6432, 94.3649, 90.7811

Complementary

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



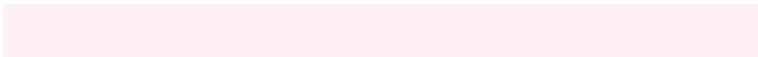
83.6321, 94.3649, 97.0254



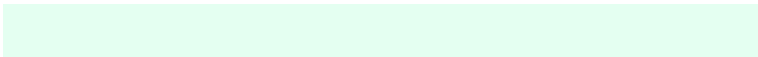
85.0109, 83.1586, 95.5751

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.



96.2319, 94.3649, 98.9658



83.6321, 94.3649, 97.0254



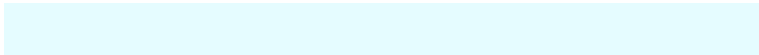
94.1136, 94.3649, 117.3157

Square

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



83.6321, 94.3649, 97.0254



87.6702, 94.3649, 121.5484



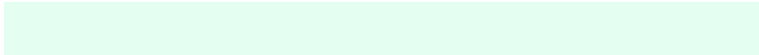
96.0357, 94.3649, 108.6899



91.7427, 94.3649, 85.9924

Rectangle

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



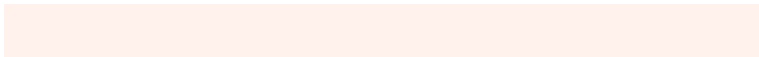
83.6321, 94.3649, 97.0254



84.2589, 94.3649, 112.9210



96.0357, 94.3649, 108.6899



95.3516, 94.3649, 93.2038

Sweetspot

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



83.6329, 94.3653, 97.0269



91.6592, 98.3250, 105.4422



86.5195, 96.0698, 87.3833



19.4294, 20.9520, 22.3739



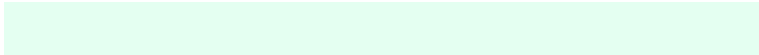
0.0000, 0.0000, 0.0000



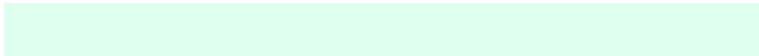
20.3446, 21.4041, 23.3091

Same Dimension

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



83.6329, 94.3653, 97.0269



81.2433, 93.1879, 94.4494



85.6609, 95.1764, 107.7060



18.1359, 20.3139, 21.0187



20.6210, 38.1450, 16.4216



2.0627, 3.7360, 1.8879

Inverse Universe

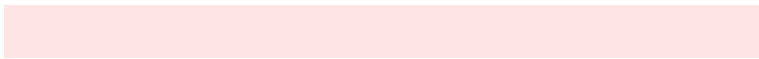
The Inverse Universe completely reimagines the original color for something new.



85.0109, 83.1586, 95.5751



82.9070, 79.6571, 92.6964



83.1130, 82.3994, 85.5810



18.4027, 18.1444, 20.7376



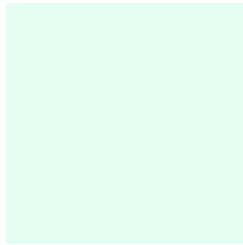
23.8086, 12.0127, 12.9085



2.3734, 1.1917, 1.5477

Previews

White Background



This preview shows how the XYZ color 83.6321, 94.3649, 97.0254 looks on a white background.

Color Contrast Check

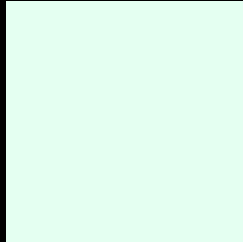
Large Text (above 18pt) WCAG AA × Fail

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 83.6321, 94.3649, 97.0254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

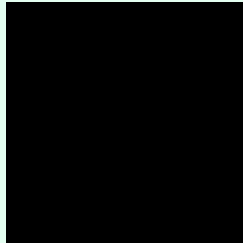
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

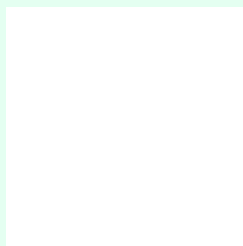
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6321, 94.3649, 97.0254

Background



This preview shows how black text looks on a background with the XYZ color 83.6321, 94.3649, 97.0254.



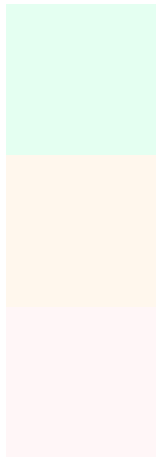
This preview shows how white text looks on a background with the XYZ color 83.6321, 94.3649,

97.0254.

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

83.6321, 94.3649, 97.0254

Protanopia

89.7868, 93.8960, 93.5122

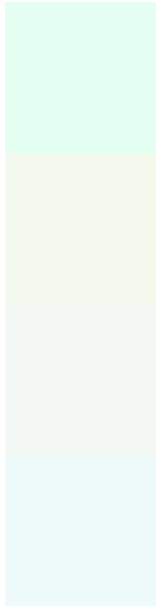
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

83.6321, 94.3649, 97.0254

Protanomaly

87.2744, 93.9567, 94.4245

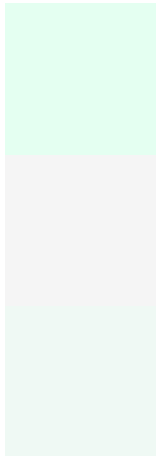
Deuteranomaly

88.0133, 93.7564, 99.8442

Tritanomaly

87.0124, 94.0736, 104.0145

Monochromacy



Original Color

83.6321, 94.3649, 97.0254

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.8014, 92.6337, 98.9458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6321, 94.3649, 97.0254 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(228, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 241)  
}
```

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(228, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.6321, 94.3649, 97.0254 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(228, 255, 241) }
```


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

```
.border{ border-color:rgb(228, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(228, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6321, 94.3649, 97.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 241) }
```

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

```
.background{ background-color: rgb(228,  
255, 241) }
```

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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