

Converting Colors

XYZ(155.0585, 236.4001,
121.9880)

Have a look what the booklet for
XYZ(155.0585, 236.4001, 121.9880)
contains.

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Color

**XYZ(84.2508, 94.6491,
98.6226)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5FFF3 |
| RGB | 229, 255, 243 |
| RGB Percent | 90%, 100%, 95% |
| CMY | 0.1020, 0.0000, 0.0471 |
| CMYK | 0.10, 0.00, 0.05, 0.00 |
| HSL | 152°, 100%, 95% |
| HSV | 152°, 10%, 100% |
| XYZ | 84.2508, 94.6491, 98.6226 |
| YIQ | 245.8580, -11.6440, -9.2440 |

Conversions

Conversions Part 2

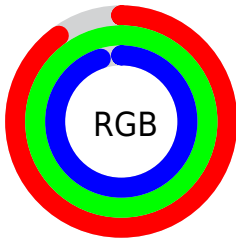
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 229, 246, 255 |
| Decimal | 15073267 |
| CIE Lab | 97.89, -10.61, 2.86 |
| CIE LCh | 98, 10.993, 164.932 |
| Yxy | 94.6491, 0.3036, 0.3411 |
| Android (android.graphics.Color) | 4293263347 (0xFFE5FFF3) |
| YUV | 245.8580, -1.4090, -14.7845 |
| Hunter-Lab | 97.2878, -15.6733, 7.9980 |

Details

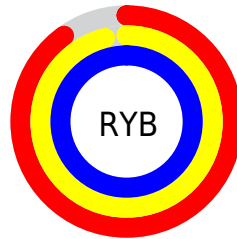
The XYZ color **84.2508, 94.6491, 98.6226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85.1371, 83.6506, 94.8782**, and the grayscale version is **87.5000, 92.0568, 100.2499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3973, 52.8603, 54.7714** is the 20% darker color. If you saturate the color by 10%, you get **74.9823, 90.0698, 89.2075**, and if you desaturate by 10%, it is **94.8300, 99.8909, 108.6967**.

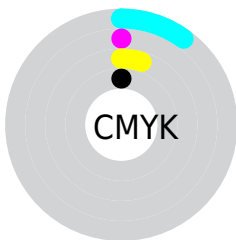
Distribution



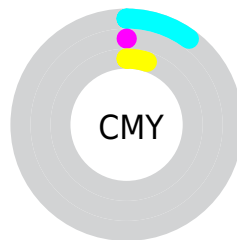
- Red (90%)
- Green (100%)
- Blue (95%)



- Red (90%)
- Yellow (96%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2508, 94.6491, 98.6226 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 84.2508, 94.6491, 98.6226 by changing the saturation by 10% instead.


 84.2508, 94.6491,
98.6226

 84.2508, 94.6491,
98.6226


497.6668,
543.0410, 576.9764

 63.5429, 71.8430,
74.5403


138.2454,
153.7797, 161.2984

 46.5409, 53.0304,
54.7369


172.2628,
190.8730, 200.7289

 32.8793, 37.8270,
38.7939


211.4475,
233.4975, 246.1125

 22.1928, 25.8485,
26.2928

256.1648,
282.0375, 297.8678

 14.1160, 16.7103,
16.8151

306.7800,
336.8774, 356.4133

 8.2836, 10.0282,
9.9422

363.6585,

 4.3303, 5.4176,

398.4017, 422.1675

5.2555

427.1656,
466.9948, 495.5491

■ 1.8906, 2.4943,
2.3366

■ 0.5714, 0.8738,
0.7516

■ 84.2508, 94.6491,
98.6226

■ 84.2508, 94.6491,
98.6226

■ 74.9823, 90.0698,
89.2075

94.8300, 99.8909,
108.6967

■ 66.9681, 86.1242,
80.4333

95.0500, 100.0000,
108.9000

■ 60.1509, 82.7831,
72.2875

■ 54.4683, 80.0144,
64.7553

■ 49.8517, 77.7832,
57.8216

■ 46.2247, 76.0502,
51.4701

■ 43.5001, 74.7709,
45.6838

■ 41.5742, 73.8920,
40.4445

■ 40.2981, 73.3352,
35.8173

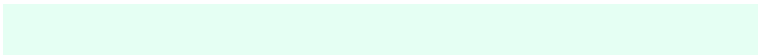
Harmonies

Analogous

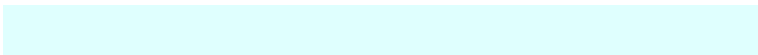
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7600, 94.6491, 91.2831



84.2508, 94.6491, 98.6226



84.2473, 94.6491, 107.5812

Triad

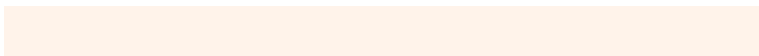
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2508, 94.6491, 98.6226



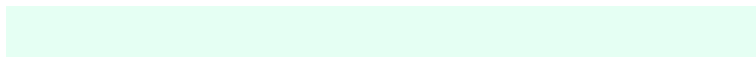
91.5274, 94.6491, 120.7010



94.3077, 94.6491, 91.3097

Complementary

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



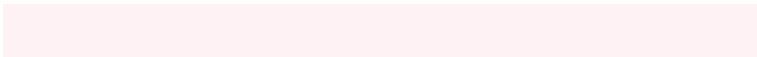
84.2508, 94.6491, 98.6226



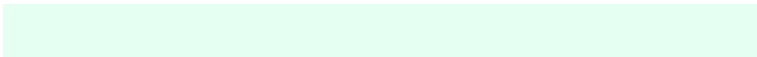
85.1371, 83.6506, 94.8782

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.



95.9277, 94.6491, 98.6610



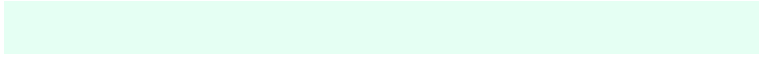
84.2508, 94.6491, 98.6226



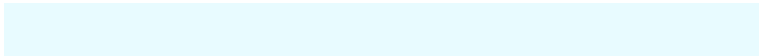
94.2972, 94.6491, 115.8017

Square

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



84.2508, 94.6491, 98.6226



88.3992, 94.6491, 120.6892



95.9238, 94.6491, 107.6219



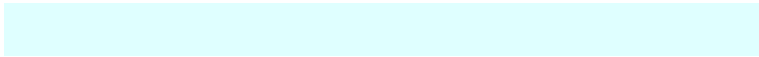
91.5413, 94.6491, 87.2312

Rectangle

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



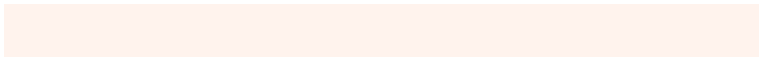
84.2508, 94.6491, 98.6226



85.0970, 94.6491, 113.2884



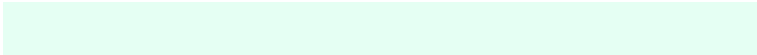
95.9238, 94.6491, 107.6219



95.0072, 94.6491, 93.4605

Sweetspot

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



84.2517, 94.6495, 98.6241



91.7280, 98.3525, 105.8047



86.2247, 95.9017, 88.0965



19.4479, 20.9595, 22.4716



0.0000, 0.0000, 0.0000



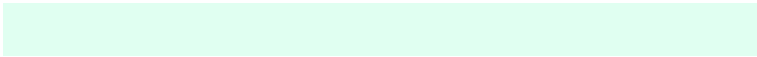
20.3446, 21.4041, 23.3091

Same Dimension

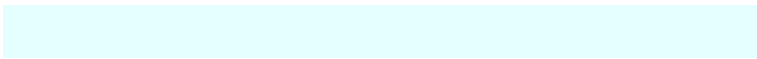
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2517, 94.6495, 98.6241



82.4836, 93.7749, 96.8766



85.8479, 94.8467, 108.3903



18.1806, 20.3318, 21.2540



21.1329, 38.3498, 19.1170



2.1128, 3.7561, 2.1520

Inverse Universe

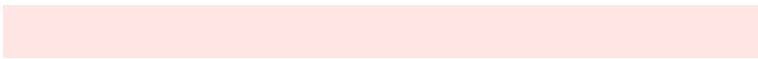
The Inverse Universe completely reimagines the original color for something new.



85.1371, 83.6506, 94.8782



83.5127, 80.9904, 92.5227



83.6434, 83.4378, 85.8268



18.3581, 18.1266, 20.5030



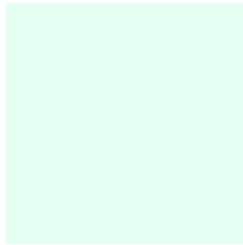
23.3211, 11.8178, 10.3416



2.3251, 1.1724, 1.2936

Previews

White Background



This preview shows how the XYZ color 84.2508, 94.6491, 98.6226 looks on a white background.

Color Contrast Check

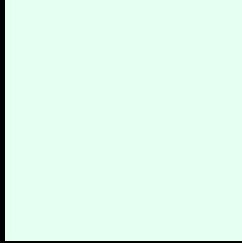
Large Text (above 18pt) WCAG AA × Fail

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 84.2508, 94.6491, 98.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

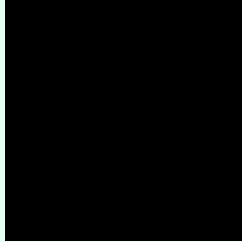
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

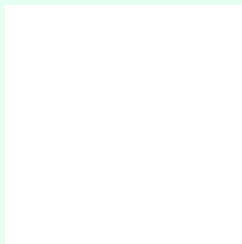
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2508, 94.6491, 98.6226

Background



This preview shows how black text looks on a background with the XYZ color 84.2508, 94.6491, 98.6226.



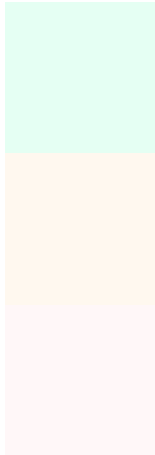
This preview shows how white text looks on a background with the XYZ color 84.2508, 94.6491,

98.6226.

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

84.2508, 94.6491, 98.6226

Protanopia

90.3874, 94.6268, 95.1622

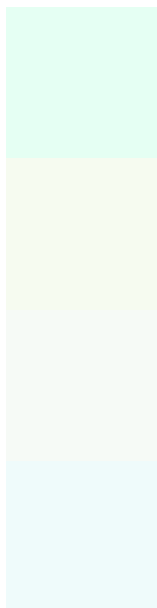
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

89.5819, 94.3838, 108.1042

Trichromacy



Original Color

84.2508, 94.6491, 98.6226

Protanomaly

88.2314, 94.8785, 96.1012

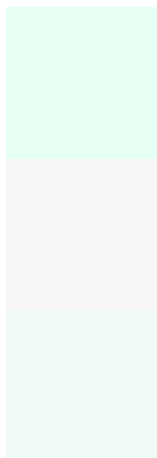
Deuteranomaly

88.8262, 94.6179, 100.7702

Tritanomaly

87.5064, 94.3101, 104.8584

Monochromacy



Original Color

84.2508, 94.6491, 98.6226

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.2923, 92.8692, 99.7637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2508, 94.6491, 98.6226 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, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 84.2508, 94.6491, 98.6226 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, 255, 243) }
```


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

```
.border{ border-color:rgb(229, 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(229, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2508, 94.6491, 98.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 243) }
```

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

```
.background{ background-color: rgb(229,  
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](#).

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