

Converting Colors

XYZ(84.1026, 94.4733,
103.1074)

Have a look what the booklet for
XYZ(84.1026, 94.4733, 103.1074)
contains.

XYZ(84.2229, 94.5283, 103.4293)	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(84.2229, 94.5283,
103.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFF9
RGB	226, 255, 249
RGB Percent	89%, 100%, 98%
CMY	0.1137, 0.0000, 0.0235
CMYK	0.11, 0.00, 0.02, 0.00
HSL	168°, 100%, 94%
HSV	168°, 11%, 100%
XYZ	84.2229, 94.5283, 103.4293
YIQ	245.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

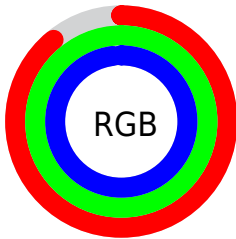
Format	Color
R_{YB}	226, 242, 255
Decimal	14876665
CIE _{Lab}	97.84, -10.46, -0.32
CIE _{LCh}	98, 10.464, 181.752
Yxy	94.5283, 0.2985, 0.3350
Android (android.graphics.Color)	4293066745 (0xFFE2FFF9)
YUV	245.6450, 1.6540, -17.2287
Hunter-Lab	97.2257, -15.5171, 4.9849

Details

The XYZ color **84.2229, 94.5283, 103.4293** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.0024, 81.4800, 87.6966**, and the grayscale version is **87.3062, 91.8529, 100.0279**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3973, 52.7845, 58.1951** is the 20% darker color. If you saturate the color by 10%, you get **76.0015, 90.3837, 98.8110**, and if you desaturate by 10%, it is **93.6585, 99.2961, 108.2279**.

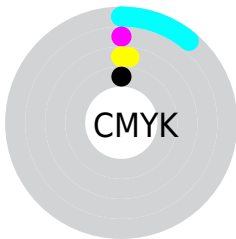
Distribution



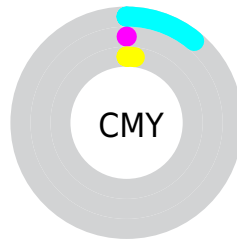
- Red (89%)
- Green (100%)
- Blue (98%)



- 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 84.2229, 94.5283, 103.4293 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 84.2229, 94.5283, 103.4293 by changing the saturation by 10% instead.


 84.2229, 94.5283,
103.4293

 84.2229, 94.5283,
103.4293


497.5756,
542.6538, 592.4726

 63.5198, 71.7424,
78.5348


138.2066,
153.6128, 167.9547

 46.5221, 52.9483,
57.9943


172.2179,
190.6802, 208.4227

 32.8644, 37.7615,
41.3894


211.3960,
233.2769, 254.9190

 22.1813, 25.7976,
28.3015

256.1062,
281.7873, 307.8620

 14.1075, 16.6723,
18.3120

306.7139,
336.5958, 367.6703

 8.2777, 10.0011,
11.0025

363.5845,

 4.3264, 5.3997,

398.0868, 434.7625

5.9543

427.0833,
466.6446, 509.5571

■ 1.8884, 2.4836,
2.7490

■ 0.5701, 0.8684,
0.9679

■ 84.2229, 94.5283,
103.4293

■ 84.2229, 94.5283,
103.4293

■ 76.0015, 90.3837,
98.8110

■ 93.6585, 99.2961,
108.2279

■ 68.9389, 86.8339,
94.3651

■ 95.0500, 100.0000,
108.9000

■ 62.9796, 83.8502,
90.0894

■ 58.0626, 81.4013,
85.9802

■ 54.1206, 79.4524,
82.0332

■ 51.0783, 77.9647,
78.2439

■ 48.8492, 76.8938,
74.6072

■ 47.3295, 76.1860,
71.1172

■ 46.4507, 75.7963,
68.2166

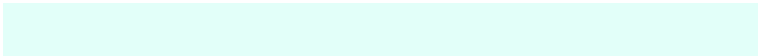
Harmonies

Analogous

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



84.8777, 94.5283, 95.3294



84.2229, 94.5283, 103.4293



85.0469, 94.5283, 111.8330

Triad

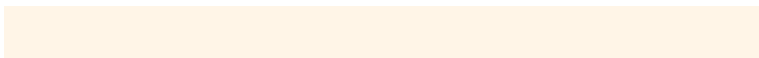
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2229, 94.5283, 103.4293



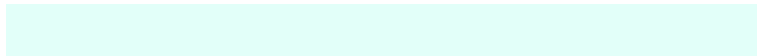
92.9051, 94.5283, 117.5667



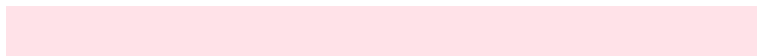
92.5942, 94.5283, 89.0950

Complementary

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



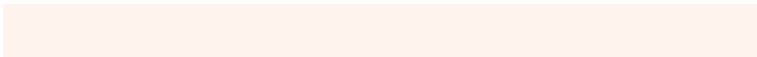
84.2229, 94.5283, 103.4293



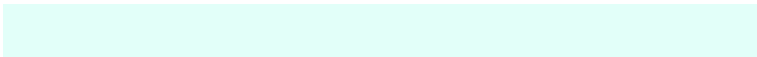
83.0024, 81.4800, 87.6966

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.



94.8229, 94.5283, 94.5036



84.2229, 94.5283, 103.4293



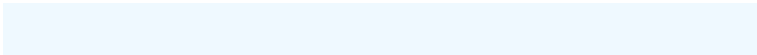
95.0052, 94.5283, 110.9143

Square

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



84.2229, 94.5283, 103.4293



90.0221, 94.5283, 120.2708



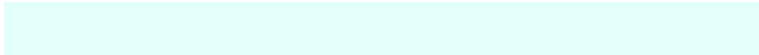
95.7146, 94.5283, 102.4228



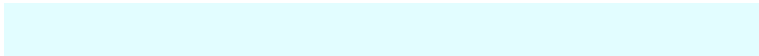
89.6707, 94.5283, 87.3332

Rectangle

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



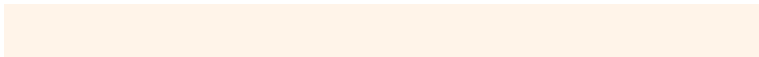
84.2229, 94.5283, 103.4293



86.3349, 94.5283, 116.4014



95.7146, 94.5283, 102.4228



93.4517, 94.5283, 90.5315

Sweetspot

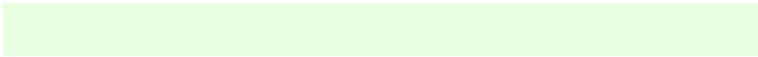
The Sweet Spot groups the original color and five complimentary colors.



84.2238, 94.5287, 103.4308



92.0376, 98.4763, 107.4346



82.8590, 94.2146, 85.7711



19.5316, 20.9929, 22.9122



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

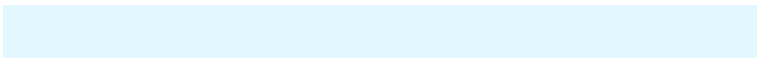
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2238, 94.5287, 103.4308



81.9474, 93.3801, 102.1996



82.6094, 89.7785, 107.5827



18.3844, 20.4133, 22.3273



24.3275, 39.6276, 35.9396



2.4073, 3.8738, 3.7026

Inverse Universe

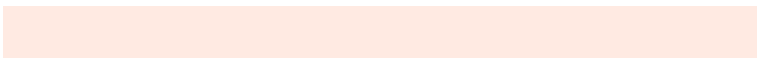
The Inverse Universe completely reimagines the original color for something new.



83.0024, 81.4800, 87.6966



80.4715, 77.6084, 83.1836



84.4527, 85.7210, 84.0476



18.1630, 18.0485, 19.4757



21.9243, 11.2590, 2.9861



2.1720, 1.1112, 0.4871

Previews

White Background



This preview shows how the XYZ color 84.2229, 94.5283, 103.4293 looks on a white background.

Color Contrast Check

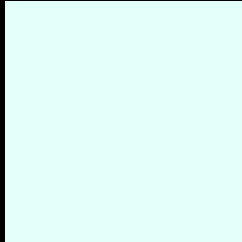
Large Text (above 18pt) WCAG AA × Fail

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 84.2229, 94.5283, 103.4293 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

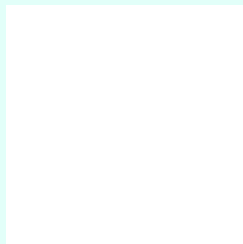
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.2229, 94.5283, 103.4293

Background



This preview shows how black text looks on a background with the XYZ color 84.2229, 94.5283, 103.4293.



This preview shows how white text looks on a background with the XYZ color 84.2229, 94.5283,

103.4293.

Color Blindness Simulation

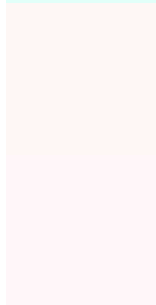
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

84.2229, 94.5283, 103.4293



Protanopia

90.6152, 94.1849, 99.7898

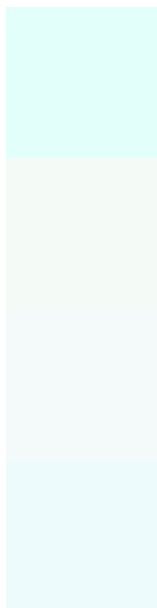
Deuteranopia

91.2947, 94.0111, 102.9567

Tritanopia

89.2339, 94.2045, 108.0879

Trichromacy



Original Color

84.2229, 94.5283, 103.4293

Protanomaly

88.1284, 94.2581, 100.7376

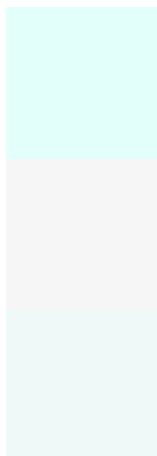
Deuteranomaly

88.2828, 93.8240, 103.0794

Tritanomaly

87.1519, 94.0907, 106.4964

Monochromacy



Original Color

84.2229, 94.5283, 103.4293

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 84.2229, 94.5283, 103.4293 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(226, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 84.2229, 94.5283, 103.4293 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(226, 255, 249) }
```


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

```
.border{ border-color:rgb(226, 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(226, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2229, 94.5283, 103.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 249) }
```

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

```
.background{ background-color: rgb(226,  
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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