

Converting Colors

XYZ(84.6187, 94.9078, 95.5205)

Have a look what the booklet for
XYZ(84.6187, 94.9078, 95.5205)
contains.

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Color

**XYZ(84.6187, 94.9078,
95.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FFEF
RGB	232, 255, 239
RGB Percent	91%, 100%, 94%
CMY	0.0902, 0.0000, 0.0627
CMYK	0.09, 0.00, 0.06, 0.00
HSL	138°, 100%, 95%
HSV	138°, 9%, 100%
XYZ	84.6187, 94.9078, 95.5205
YIQ	246.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

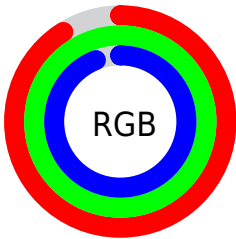
Format	Color
R _Y B	232, 250, 255
Decimal	15269871
CIE Lab	98.00, -10.36, 5.09
CIE LCh	98, 11.545, 153.856
Yxy	94.9078, 0.3077, 0.3451
Android (android.graphics.Color)	4293459951 (0xFFE8FFEF)
YUV	246.2990, -3.5984, -12.5402
Hunter-Lab	97.4206, -15.4426, 10.0609

Details

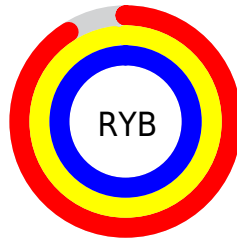
The XYZ color **84.6187, 94.9078, 95.5205** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.0403, 85.7515, 100.7710**, and the grayscale version is **87.8721, 92.4483, 100.6762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6458, 53.0372, 52.5784** is the 20% darker color. If you saturate the color by 10%, you get **74.4394, 89.9482, 82.0292**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

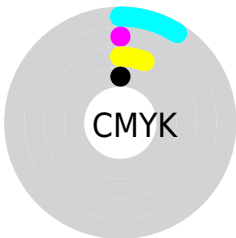
Distribution



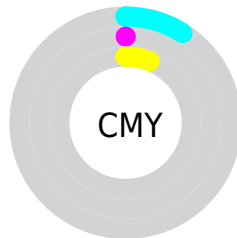
- Red (91%)
- Green (100%)
- Blue (94%)



- Red (91%)
- Yellow (98%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6187, 94.9078, 95.5205 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 84.6187, 94.9078, 95.5205 by changing the saturation by 10% instead.

84.6187, 94.9078,
95.5205

84.6187, 94.9078,
95.5205

498.8682,
543.8698, 566.8568

63.8478, 72.0582,
71.9690

138.7571,
154.1372, 156.9853

46.7886, 53.2063,
52.6467

172.8553,
191.2859, 195.7356

33.0758, 37.9674,
37.1350

212.1267,
233.9697, 240.3893

22.3441, 25.9574,
25.0154

256.9366,
282.5730, 291.3648

14.2279, 16.7918,
15.8694

307.6503,
337.4803, 349.0808

8.3621, 10.0862,
9.2784

364.6332,

4.3813, 5.4561,

399.0759, 413.9558

4.8240

428.2508,
467.7443, 486.4083

■ 1.9200, 2.5173,
2.0874

■ 0.5884, 0.8853,
0.6083

■ 84.6187, 94.9078,
95.5205

■ 84.6187, 94.9078,
95.5205

■ 74.4394, 89.9482,
82.0292

95.0500, 100.0000,
108.9000

■ 65.6586, 85.6808,
69.9060

■ 58.2143, 82.0744,
59.1093

■ 52.0386, 79.0949,
49.5935

■ 47.0574, 76.7052,
41.3106

■ 43.1887, 74.8640,
34.2093

■ 40.3396, 73.5245,
28.2349

■ 38.4010, 72.6317,
23.3278

■ 37.2156, 72.1059,
19.4217

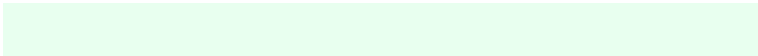
Harmonies

Analogous

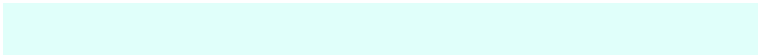
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7109, 94.9078, 88.9418



84.6187, 94.9078, 95.5205



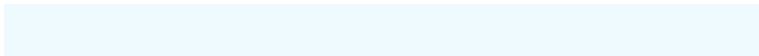
84.0106, 94.9078, 104.5679

Triad

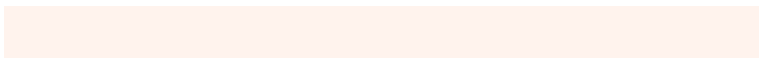
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6187, 94.9078, 95.5205



90.6353, 94.9078, 122.5928



95.5910, 94.9078, 93.5219

Complementary

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



84.6187, 94.9078, 95.5205



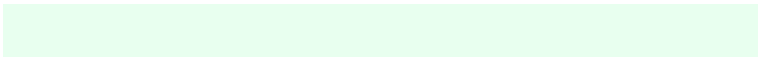
87.0403, 85.7515, 100.7710

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.



96.7009, 94.9078, 102.1187



84.6187, 94.9078, 95.5205



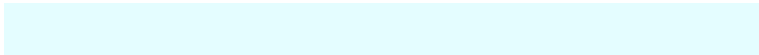
93.7959, 94.9078, 119.2104

Square

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



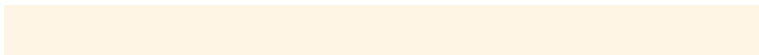
84.6187, 94.9078, 95.5205



87.4342, 94.9078, 120.5624



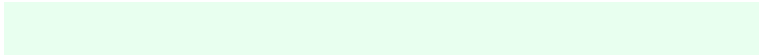
96.0361, 94.9078, 111.5718



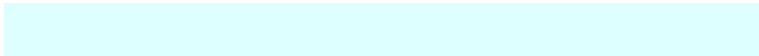
93.0378, 94.9078, 87.8384

Rectangle

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



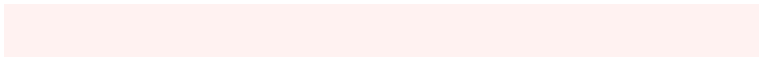
84.6187, 94.9078, 95.5205



84.5159, 94.9078, 110.8796



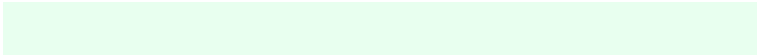
96.0361, 94.9078, 111.5718



96.1480, 94.9078, 96.1472

Sweetspot

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



84.6195, 94.9082, 95.5220



91.4463, 98.2398, 104.3208



89.0728, 97.3211, 90.4354



19.3720, 20.9291, 22.0717



0.0000, 0.0000, 0.0000



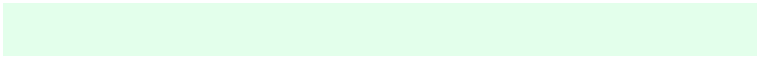
20.3446, 21.4041, 23.3091

Same Dimension

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



84.6195, 94.9082, 95.5220



82.4888, 93.8692, 92.7382



86.3574, 95.6034, 104.6737



17.9991, 20.2592, 20.2985



19.4545, 37.6784, 10.2786



1.9404, 3.6871, 1.2437

Inverse Universe

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



87.0403, 85.7515, 100.7710



85.4010, 82.8531, 99.0523



85.3250, 85.0653, 91.7379



18.5434, 18.2007, 21.4785



25.7850, 12.8033, 23.3163



2.5593, 1.2661, 2.5266

Previews

White Background



This preview shows how the XYZ color 84.6187, 94.9078, 95.5205 looks on a white background.

Color Contrast Check

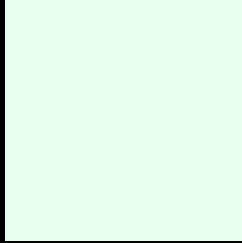
Large Text (above 18pt) WCAG AA × Fail

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 84.6187, 94.9078, 95.5205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

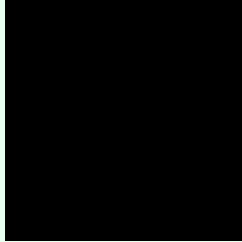
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

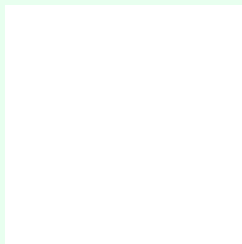
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6187, 94.9078, 95.5205

Background



This preview shows how black text looks on a background with the XYZ color 84.6187, 94.9078, 95.5205.



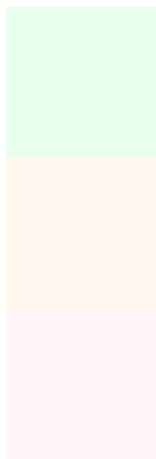
This preview shows how white text looks on a background with the XYZ color 84.6187, 94.9078,

95.5205.

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

84.6187, 94.9078, 95.5205

Protanopia

90.2400, 94.5678, 94.3862

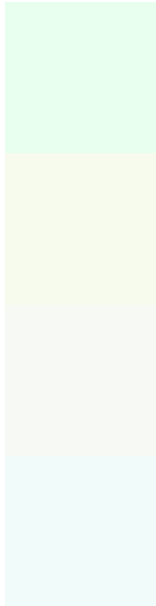
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

89.9317, 94.5642, 108.1205

Trichromacy



Original Color

84.6187, 94.9078, 95.5205

Protanomaly

88.2876, 94.9416, 94.5612

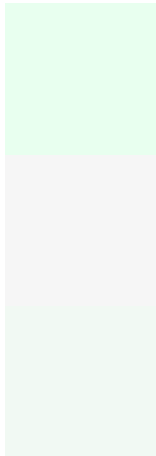
Deuteranomaly

88.8725, 94.6770, 99.1784

Tritanomaly

87.8717, 94.5347, 103.2382

Monochromacy



Original Color

84.6187, 94.9078, 95.5205

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.3290, 92.9232, 98.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6187, 94.9078, 95.5205 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(232, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 239)  
}
```

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(232, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.6187, 94.9078, 95.5205 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(232, 255, 239) }
```


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

```
.border{ border-color:rgb(232, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6187, 94.9078, 95.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 239) }
```

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

```
.background{ background-color: rgb(232,  
255, 239) }
```

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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