

Converting Colors

XYZ(89.7177, 106.1235,
95.5063)

Have a look what the booklet for
XYZ(89.7177, 106.1235, 95.5063)
contains.

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Color

**XYZ(84.0011, 94.6233,
93.9576)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFED
RGB	231, 255, 237
RGB Percent	91%, 100%, 93%
CMY	0.0941, 0.0000, 0.0706
CMYK	0.09, 0.00, 0.07, 0.00
HSL	135°, 100%, 95%
HSV	135°, 9%, 100%
XYZ	84.0011, 94.6233, 93.9576
YIQ	245.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

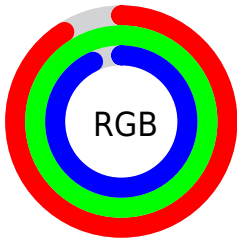
Format	Color
R _Y B	231, 250, 255
Decimal	15204333
CIE Lab	97.88, -11.05, 5.94
CIE LCh	98, 12.541, 151.728
Yxy	94.6233, 0.3082, 0.3471
Android (android.graphics.Color)	4293394413 (0xFFE7FFED)
YUV	245.7720, -4.3246, -12.9550
Hunter-Lab	97.2745, -16.0873, 10.8239

Details

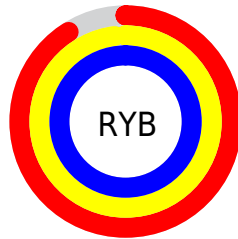
The XYZ color **84.0011, 94.6233, 93.9576** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.9153, 85.2524, 101.4969**, and the grayscale version is **87.4515, 92.0058, 100.1943**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2138, 52.8383, 51.4792** is the 20% darker color. If you saturate the color by 10%, you get **73.7144, 89.6262, 79.6601**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

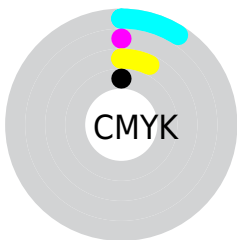
Distribution



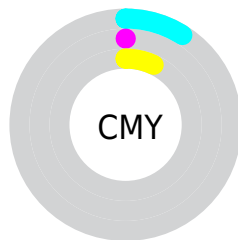
- Red (91%)
- Green (100%)
- Blue (93%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0011, 94.6233, 93.9576 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 84.0011, 94.6233, 93.9576 by changing the saturation by 10% instead.


 84.0011, 94.6233,
93.9576

 84.0011, 94.6233,
93.9576


496.8505,
542.9583, 561.7213

 63.3361, 71.8215,
70.6756


137.8980,
153.7441, 154.8069

 46.3728, 53.0129,
51.5973


171.8605,
190.8318, 193.2112

 32.7460, 37.8130,
36.3042


210.9862,
233.4504, 237.4934

 22.0902, 25.8376,
24.3776

255.6405,
281.9840, 288.0720

 14.0402, 16.7022,
15.3992

306.1888,
336.8173, 345.3656

 8.2305, 10.0224,
8.9503

362.9963,

 4.2958, 5.4138,

398.3345, 409.7926

4.6124

426.4284,
466.9200, 481.7717

■ 1.8708, 2.4920,
1.9670

■ 0.5598, 0.8727,
0.5349

■ 84.0011, 94.6233,
93.9576

■ 84.0011, 94.6233,
93.9576

■ 73.7144, 89.6262,
79.6601

95.0500, 100.0000,
108.9000

■ 64.8630, 85.3356,
66.9354

■ 57.3826, 81.7195,
55.7310

■ 51.2029, 78.7430,
45.9896

■ 46.2473, 76.3677,
37.6506

■ 42.4307, 74.5513,
30.6489

■ 39.6569, 73.2454,
24.9140

■ 37.8125, 72.3932,
20.3692

■ 36.7295, 71.9100,
16.9273

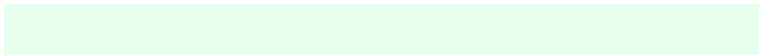
Harmonies

Analogous

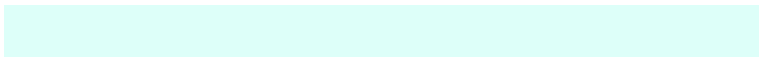
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3600, 94.6233, 87.1325



84.0011, 94.6233, 93.9576



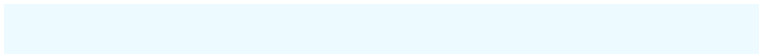
83.2208, 94.6233, 103.6251

Triad

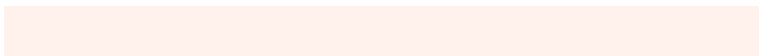
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0011, 94.6233, 93.9576



90.1446, 94.6233, 124.0486



95.9282, 94.6233, 92.9914

Complementary

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



84.0011, 94.6233, 93.9576



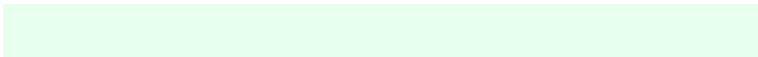
86.9153, 85.2524, 101.4969

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.



97.0044, 94.6233, 102.4346



84.0011, 94.6233, 93.9576



93.6107, 94.6233, 120.7494

Square

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



84.0011, 94.6233, 93.9576



86.7108, 94.6233, 121.4123



96.1453, 94.6233, 112.6656



93.2414, 94.6233, 86.6013

Rectangle

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



84.0011, 94.6233, 93.9576



83.6837, 94.6233, 110.5114



96.1453, 94.6233, 112.6656



96.4935, 94.6233, 95.8916

Sweetspot

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



84.0020, 94.6238, 93.9591



91.3812, 98.2138, 103.9783



89.2512, 97.4295, 89.7044



19.3545, 20.9221, 21.9795



0.0000, 0.0000, 0.0000



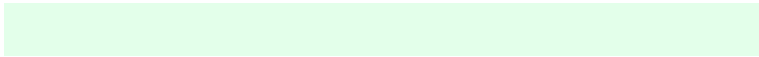
20.3446, 21.4041, 23.3091

Same Dimension

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



84.0020, 94.6238, 93.9591



82.2688, 93.7812, 91.5797



85.8146, 95.3488, 103.5042



17.9578, 20.2427, 20.0809



19.2151, 37.5826, 9.0179



1.9124, 3.6759, 1.0965

Inverse Universe

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



86.9153, 85.2524, 101.4969



85.6367, 82.9473, 100.2932



85.1027, 84.5274, 91.9519



18.5872, 18.2182, 21.7093



26.5396, 13.1051, 27.2899



2.6277, 1.2935, 2.8871

Previews

White Background



This preview shows how the XYZ color 84.0011, 94.6233, 93.9576 looks on a white background.

Color Contrast Check

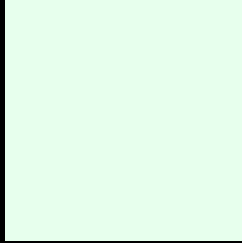
Large Text (above 18pt) WCAG AA × Fail

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 84.0011, 94.6233, 93.9576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

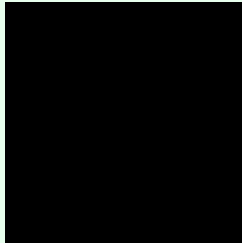
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

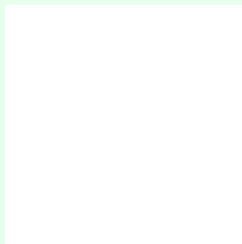
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0011, 94.6233, 93.9576

Background



This preview shows how black text looks on a background with the XYZ color 84.0011, 94.6233, 93.9576.



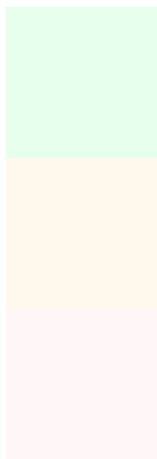
This preview shows how white text looks on a background with the XYZ color 84.0011, 94.6233,

93.9576.

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

84.0011, 94.6233, 93.9576

Protanopia

89.9477, 94.4509, 92.8470

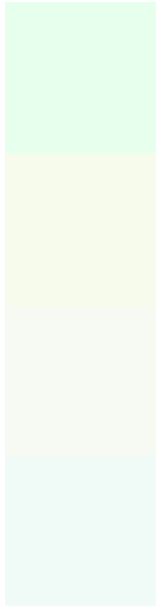
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

89.5819, 94.3838, 108.1042

Trichromacy



Original Color

84.0011, 94.6233, 93.9576

Protanomaly

87.6435, 94.6433, 93.0056

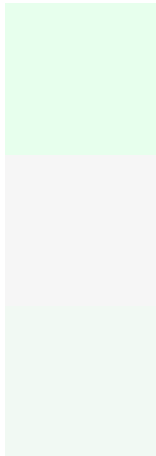
Deuteranomaly

88.3693, 94.4351, 98.3643

Tritanomaly

87.3756, 94.2969, 102.4029

Monochromacy



Original Color

84.0011, 94.6233, 93.9576

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 84.0011, 94.6233, 93.9576 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(231, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 237)  
}
```

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(231, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 84.0011, 94.6233, 93.9576 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(231, 255, 237) }
```


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

```
.border{ border-color:rgb(231, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0011, 94.6233, 93.9576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 237) }
```

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

```
.background{ background-color: rgb(231,  
255, 237) }
```

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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