

Converting Colors

XYZ(93.1475, 112.0935,
96.0138)

Have a look what the booklet for
XYZ(93.1475, 112.0935, 96.0138)
contains.

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Color

**XYZ(84.5046, 94.8998,
93.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FFEC
RGB	233, 255, 236
RGB Percent	91%, 100%, 93%
CMY	0.0863, 0.0000, 0.0745
CMYK	0.09, 0.00, 0.07, 0.00
HSL	128°, 100%, 96%
HSV	128°, 9%, 100%
XYZ	84.5046, 94.8998, 93.2205
YIQ	246.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

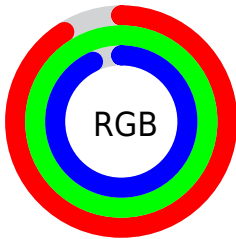
Format	Color
R_{YB}	233, 252, 255
Decimal	15335404
CIE _{Lab}	97.99, -10.57, 6.63
CIE _{LCh}	98, 12.474, 147.890
Yxy	94.8998, 0.3100, 0.3481
Android (android.graphics.Color)	4293525484 (0xFFE9FFEC)
YUV	246.2560, -5.0562, -11.6255
Hunter-Lab	97.4165, -15.6379, 11.4554

Details

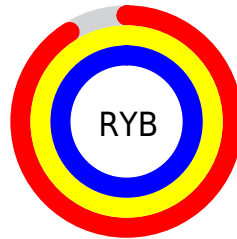
The XYZ color **84.5046, 94.8998, 93.2205** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9500, 86.5670, 104.1688**, and the grayscale version is **87.8477, 92.4227, 100.6483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5638, 53.0306, 50.9618** is the 20% darker color. If you saturate the color by 10%, you get **73.7675, 89.7118, 77.0329**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

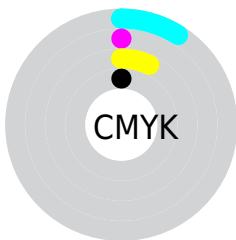
Distribution



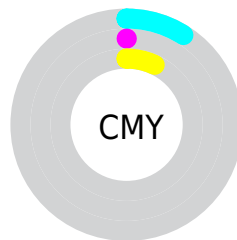
- Red (91%)
- Green (100%)
- Blue (93%)



- Red (91%)
- Yellow (99%)
- 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 84.5046, 94.8998, 93.2205 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 84.5046, 94.8998, 93.2205 by changing the saturation by 10% instead.


 84.5046, 94.8998,
93.2205

 84.5046, 94.8998,
93.2205

498.4958,
543.8442, 559.2904

 63.7532, 72.0516,
70.0661


138.5984,
154.1262, 153.7782

 46.7118, 53.2008,
51.1033


172.6716,
191.2731, 192.0186

 33.0149, 37.9631,
35.9135


211.9161,
233.9551, 236.1247

 22.2971, 25.9541,
24.0782

256.6973,
282.5565, 286.5151

 14.1932, 16.7893,
15.1789

307.3805,
337.4617, 343.6084

 8.3378, 10.0844,
8.7970

364.3310,

 4.3654, 5.4549,

399.0551, 407.8230

4.5140

427.9144,
467.7211, 479.5775

■ 1.9109, 2.5166,
1.9114

■ 0.5832, 0.8849,
0.5000

■ 84.5046, 94.8998,
93.2205

■ 84.5046, 94.8998,
93.2205

■ 73.7675, 89.7118,
77.0329

95.0500, 100.0000,
108.9000

■ 64.5615, 85.2692,
62.9004

■ 56.8172, 81.5379,
50.7421

■ 50.4588, 78.4808,
40.4699

■ 45.4037, 76.0573,
31.9894

■ 41.5604, 74.2224,
25.1978

■ 38.8256, 72.9251,
19.9818

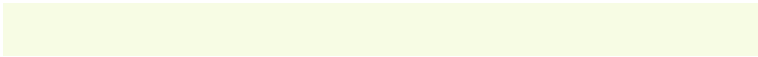
■ 37.0777, 72.1056,
16.2143

■ 36.1505, 71.6813,
13.7476

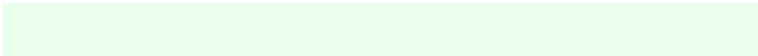
Harmonies

Analogous

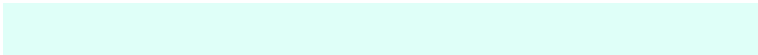
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0238, 94.8998, 86.8974



84.5046, 94.8998, 93.2205



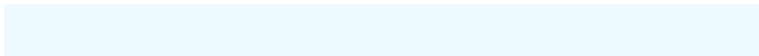
83.5068, 94.8998, 102.6071

Triad

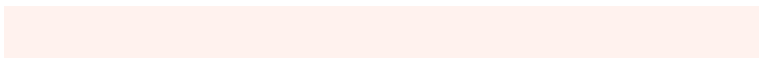
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5046, 94.8998, 93.2205



89.9467, 94.8998, 124.2648



96.4086, 94.8998, 94.3968

Complementary

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



84.5046, 94.8998, 93.2205



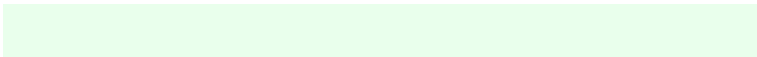
87.9500, 86.5670, 104.1688

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.



97.2403, 94.8998, 104.0558



84.5046, 94.8998, 93.2205



93.4513, 94.8998, 121.7132

Square

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



84.5046, 94.8998, 93.2205



86.5968, 94.8998, 120.9071



96.1445, 94.8998, 114.1446



93.9006, 94.8998, 87.5443

Rectangle

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



84.5046, 94.8998, 93.2205



83.8183, 94.8998, 109.4924



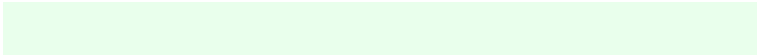
96.1445, 94.8998, 114.1446



96.8964, 94.8998, 97.4028

Sweetspot

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



84.5054, 94.9001, 93.2220



91.2457, 98.1596, 103.2648



90.6373, 98.1112, 91.2522



19.3181, 20.9075, 21.7877



0.0000, 0.0000, 0.0000



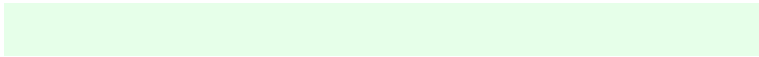
20.3446, 21.4041, 23.3091

Same Dimension

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



84.5054, 94.9001, 93.2220



82.9377, 94.1423, 90.8742



86.1431, 95.5552, 101.8460



17.8724, 20.2085, 19.6312



18.8728, 37.4457, 7.2153



1.8670, 3.6577, 0.8573

Inverse Universe

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



87.9500, 86.5670, 104.1688



86.8929, 84.5737, 103.4435



86.2667, 85.8936, 95.3045



18.6798, 18.2552, 22.1970



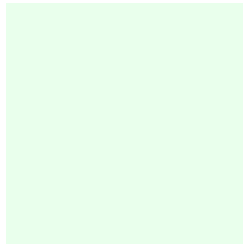
28.3554, 13.8315, 36.8517



2.7890, 1.3580, 3.7365

Previews

White Background



This preview shows how the XYZ color 84.5046, 94.8998, 93.2205 looks on a white background.

Color Contrast Check

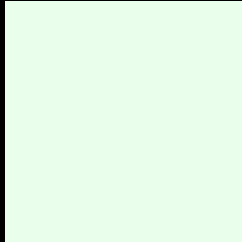
Large Text (above 18pt) WCAG AA × Fail

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 84.5046, 94.8998, 93.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

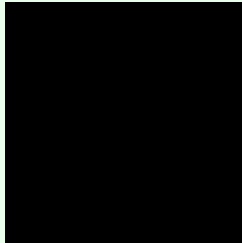
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

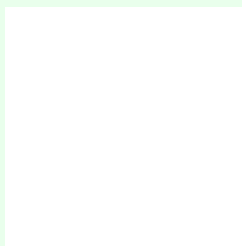
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5046, 94.8998, 93.2205

Background



This preview shows how black text looks on a background with the XYZ color 84.5046, 94.8998, 93.2205.



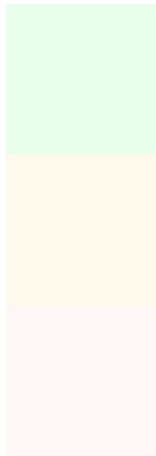
This preview shows how white text looks on a background with the XYZ color 84.5046, 94.8998,

93.2205.

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

84.5046, 94.8998, 93.2205

Protanopia

90.0935, 94.5092, 93.6144

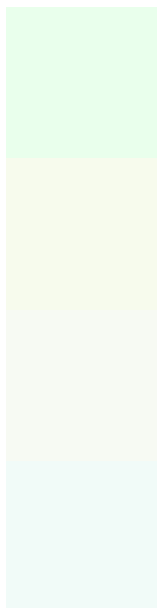
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

89.9317, 94.5642, 108.1205

Trichromacy



Original Color

84.5046, 94.8998, 93.2205

Protanomaly

88.1410, 94.8829, 93.7895

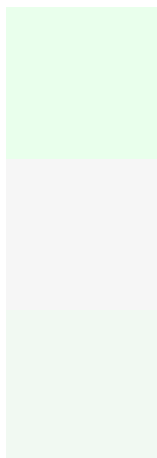
Deuteranomaly

88.7210, 94.6164, 98.3807

Tritanomaly

87.7161, 94.4724, 102.4188

Monochromacy



Original Color

84.5046, 94.8998, 93.2205

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.1783, 92.8629, 97.3867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5046, 94.8998, 93.2205 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(233, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 236)  
}
```

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(233, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 84.5046, 94.8998, 93.2205 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(233, 255, 236) }
```


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

```
.border{ border-color:rgb(233, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5046, 94.8998, 93.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 236) }
```

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

```
.background{ background-color: rgb(233,  
255, 236) }
```

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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