

Converting Colors

XYZ(84.1147, 93.7292, 94.2921)

Have a look what the booklet for
XYZ(84.1147, 93.7292, 94.2921)
contains.

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Color

**XYZ(84.1622, 93.7472,
94.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FDEE
RGB	233, 253, 238
RGB Percent	91%, 99%, 93%
CMY	0.0863, 0.0078, 0.0667
CMYK	0.08, 0.00, 0.06, 0.01
HSL	135°, 83%, 95%
HSV	135°, 8%, 99%
XYZ	84.1622, 93.7472, 94.5481
YIQ	245.3100, -7.1050, -8.9050

Conversions

Conversions Part 2

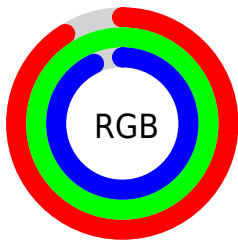
Format	Color
R _Y B	233, 249, 253
Decimal	15334894
CIE Lab	97.53, -9.22, 4.93
CIE LCh	98, 10.457, 151.842
Yxy	93.7472, 0.3089, 0.3441
Android (android.graphics.Color)	4293524974 (0xFFE9FDEE)
YUV	245.3100, -3.6038, -10.7959
Hunter-Lab	96.8231, -14.2818, 9.8793

Details

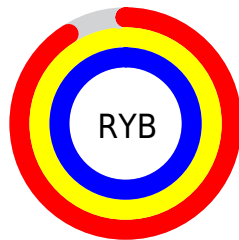
The XYZ color **84.1622, 93.7472, 94.5481** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5936, 85.9402, 100.8357**, and the grayscale version is **87.0750, 91.6097, 99.7630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3149, 52.2044, 51.8914** is the 20% darker color. If you saturate the color by 10%, you get **73.8451, 88.7365, 80.2710**, and if you desaturate by 10%, it is **94.4170, 98.7341, 108.6890**.

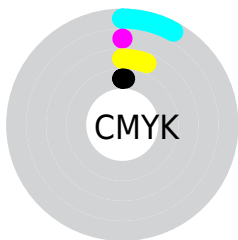
Distribution



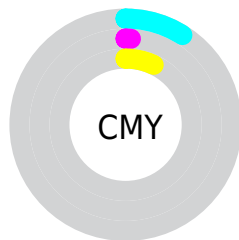
- Red (91%)
- Green (99%)
- Blue (93%)



- Red (91%)
- Yellow (98%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1622, 93.7472, 94.5481 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 84.1622, 93.7472, 94.5481 by changing the saturation by 10% instead.


 84.1622, 93.7472,
94.5481

 84.1622, 93.7472,
94.5481


497.3772,
540.1465, 563.6646

 63.4695, 71.0927,
71.1641


138.1221,
152.5327, 155.6303

 46.4812, 52.4179,
51.9935


172.1201,
189.4324, 194.1657

 32.8320, 37.3383,
36.6177


211.2839,
231.8494, 238.5885

 22.1564, 25.4695,
24.6181

255.9788,
280.1680, 289.3174

 14.0891, 16.4272,
15.5764

306.5702,
334.7726, 346.7710

 8.2648, 9.8269,
9.0738

363.4236,

 4.3181, 5.2844,

396.0477, 411.3676

4.6919

426.9041,
464.3775, 483.5260

■ 1.8836, 2.4151,
2.0121

■ 0.5673, 0.8336,
0.5627

■ 84.1622, 93.7472,
94.5481

■ 84.1622, 93.7472,
94.5481

■ 73.8451, 88.7365,
80.2710

94.4170, 98.7341,
108.6890

■ 64.9442, 84.4204,
67.5452

■ 57.3991, 80.7714,
56.3199

■ 51.1415, 77.7555,
46.5397

■ 46.0973, 75.3357,
38.1454

■ 42.1845, 73.4710,
31.0738

■ 39.3105, 72.1152,
25.2569

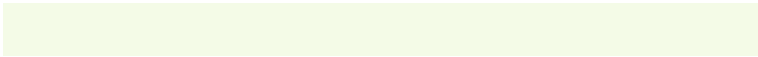
■ 37.3674, 71.2141,
20.6202

■ 36.2128, 70.6961,
17.0807

Harmonies

Analogous

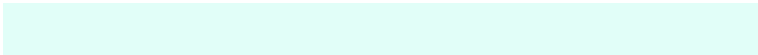
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1242, 93.7472, 88.7991



84.1622, 93.7472, 94.5481



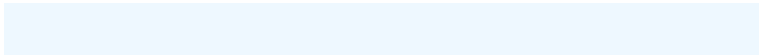
83.5159, 93.7472, 102.6016

Triad

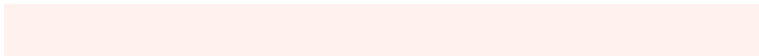
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1622, 93.7472, 94.5481



89.2877, 93.7472, 119.3135



94.0449, 93.7472, 93.6851

Complementary

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



84.1622, 93.7472, 94.5481



86.5936, 85.9402, 100.8357

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.



94.9357, 93.7472, 101.5497



84.1622, 93.7472, 94.5481



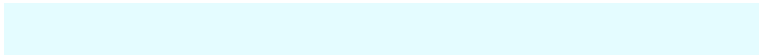
92.1516, 93.7472, 116.6117

Square

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



84.1622, 93.7472, 94.5481



86.4355, 93.7472, 117.1874



94.2354, 93.7472, 109.9906



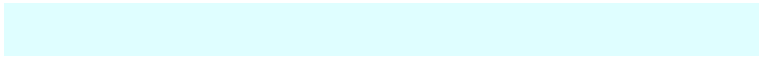
91.8266, 93.7472, 88.3207

Rectangle

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



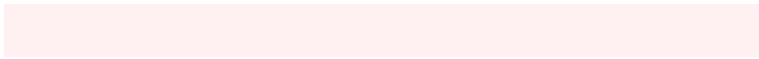
84.1622, 93.7472, 94.5481



83.9064, 93.7472, 108.2829



94.2354, 93.7472, 109.9906



94.5117, 93.7472, 96.1086

Sweetspot

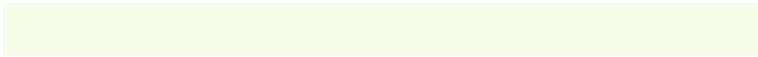
The Sweet Spot groups the original color and five complimentary colors.



84.1648, 93.7512, 94.5502



92.5887, 98.8016, 105.6020



88.6667, 96.1557, 90.9789



19.8436, 21.1602, 22.6378



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.



84.1648, 93.7512, 94.5502



84.4562, 94.8447, 94.5800



85.6242, 94.3350, 102.2354



17.9578, 20.2426, 20.0806



19.2148, 37.5825, 9.0165



1.9124, 3.6759, 1.0964

Inverse Universe

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



86.5936, 85.9402, 100.8357



87.2507, 85.8574, 101.8118



85.1316, 85.3554, 93.1365



18.5872, 18.2182, 21.7096



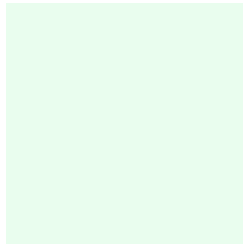
26.5406, 13.1056, 27.2952



2.6278, 1.2935, 2.8876

Previews

White Background



This preview shows how the XYZ color 84.1622, 93.7472, 94.5481 looks on a white background.

Color Contrast Check

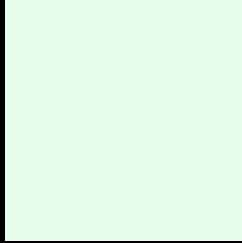
Large Text (above 18pt) WCAG AA × Fail

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 84.1622, 93.7472, 94.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

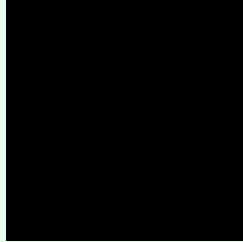
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

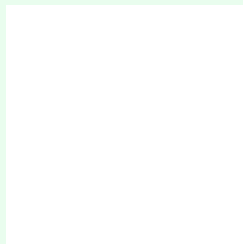
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1622, 93.7472, 94.5481

Background



This preview shows how black text looks on a background with the XYZ color 84.1622, 93.7472, 94.5481.



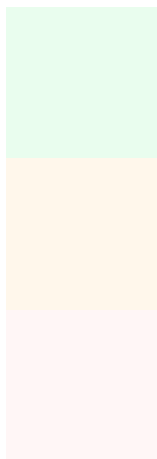
This preview shows how white text looks on a background with the XYZ color 84.1622, 93.7472,

94.5481.

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

84.1622, 93.7472, 94.5481

Protanopia

89.4962, 93.7797, 91.9816

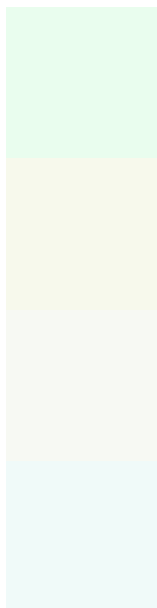
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

88.9256, 93.5879, 107.9851

Trichromacy



Original Color

84.1622, 93.7472, 94.5481

Protanomaly

87.3738, 93.5816, 92.8149

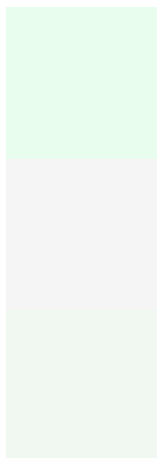
Deuteranomaly

88.4111, 93.9966, 98.2774

Tritanomaly

87.2197, 93.7360, 103.1184

Monochromacy



Original Color

84.1622, 93.7472, 94.5481

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.8700, 92.2464, 97.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1622, 93.7472, 94.5481 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, 253, 238)` looks like.

```
.text, #text, p{  
    color:rgb(233, 253, 238)  
}
```

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, 253, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 253, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.1622, 93.7472, 94.5481 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, 253, 238) }
```


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

```
.border{ border-color:rgb(233, 253, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 253, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 253, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 253, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 253,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1622, 93.7472, 94.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 253, 238) }
```

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

```
.background{ background-color: rgb(233,  
253, 238) }
```

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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