

Converting Colors

XYZ(84.6971, 90.6812, 99.4254)

Have a look what the booklet for
XYZ(84.6971, 90.6812, 99.4254)
contains.

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Color

**XYZ(84.6971, 90.6812,
99.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF6F5
RGB	238, 246, 245
RGB Percent	93%, 96%, 96%
CMY	0.0667, 0.0353, 0.0392
CMYK	0.03, 0.00, 0.00, 0.04
HSL	172°, 31%, 95%
HSV	172°, 3%, 96%
XYZ	84.6971, 90.6812, 99.4254
YIQ	243.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

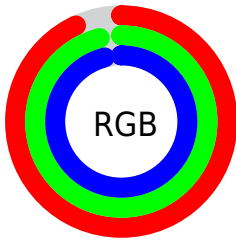
Format	Color
R _Y B	238, 242, 246
Decimal	15660789
CIE Lab	96.28, -2.81, -0.45
CIE LCh	96, 2.846, 189.083
Yxy	90.6812, 0.3082, 0.3300
Android (android.graphics.Color)	4293850869 (0xFFEEF6F5)
YUV	243.4940, 0.7425, -4.8182
Hunter-Lab	95.2267, -7.8841, 4.7545

Details

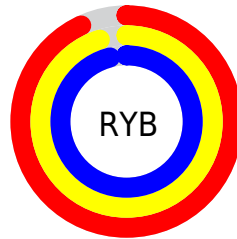
The XYZ color **84.6971, 90.6812, 99.4254** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1639, 86.9763, 94.0180**, and the grayscale version is **85.5839, 90.0410, 98.0546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8902, 50.4461, 55.4098** is the 20% darker color. If you saturate the color by 10%, you get **76.5290, 86.5269, 96.6063**, and if you desaturate by 10%, it is **91.1543, 93.9577, 102.2092**.

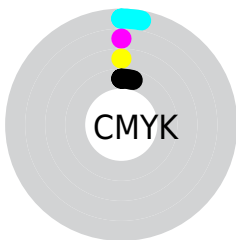
Distribution



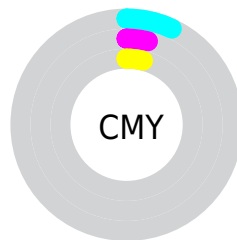
- Red (93%)
- Green (96%)
- Blue (96%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6971, 90.6812, 99.4254 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 84.6971, 90.6812, 99.4254 by changing the saturation by 10% instead.

84.6971, 90.6812,
99.4254

84.6971, 90.6812,
99.4254

499.1240,
530.2443, 579.5798

63.9128, 68.5458,
75.2065

138.8661,
148.2842, 162.4123

46.8415, 50.3419,
55.2794

172.9815,
184.5207, 202.0174

33.1178, 35.6851,
39.2253

212.2713,
226.2262, 247.5884

22.3763, 24.1911,
26.6259

257.1009,
273.7852, 299.5438

14.2518, 15.4754,
17.0625

307.8356,
327.5821, 358.3021

8.3789, 9.1537,
10.1166

364.8408,

4.3922, 4.8416,

388.0014, 424.2818

5.3697

428.4818,
455.4273, 497.9015

■ 1.9263, 2.1546,
2.4033

■ 0.5921, 0.6951,
0.7882

■ 84.6971, 90.6812,
99.4254

■ 84.6971, 90.6812,
99.4254

■ 76.5290, 86.5269,
96.6063

■ 91.1543, 93.9577,
102.2092

■ 69.4493, 82.9303,
93.8770

■ 91.6373, 94.1509,
104.7528

■ 63.4120, 79.8701,
91.2372

■ 92.1283, 94.3472,
107.3381

■ 58.3647, 77.3194,
88.6841

■ 92.2475, 94.3949,
107.9658

■ 54.2507, 75.2490,
86.2149

■ 51.0074, 73.6265,
83.8264

■ 48.5643, 72.4157,
81.5153

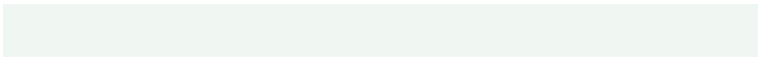
■ 46.8402, 71.5746,
79.2774

■ 45.7361, 71.0522,
77.1079

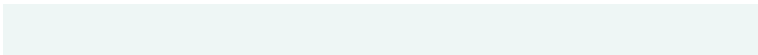
Harmonies

Analogous

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



84.7773, 90.6812, 97.1900



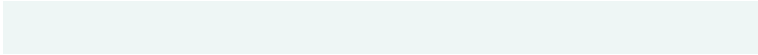
84.6971, 90.6812, 99.4254



85.0149, 90.6812, 101.5071

Triad

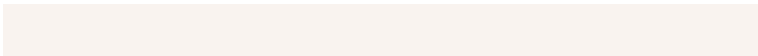
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6971, 90.6812, 99.4254



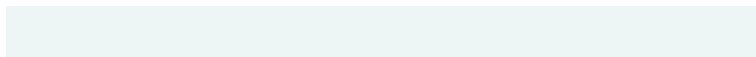
87.1519, 90.6812, 102.1552



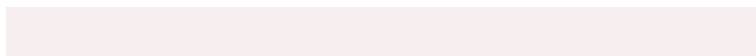
86.7337, 90.6812, 94.7246

Complementary

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



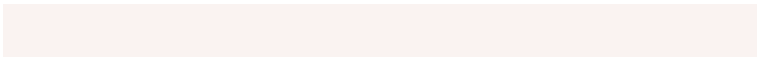
84.6971, 90.6812, 99.4254



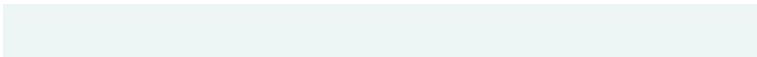
84.1639, 86.9763, 94.0180

Split Complementary

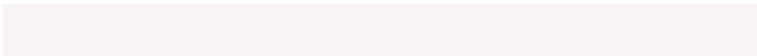
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3754, 90.6812, 96.0166



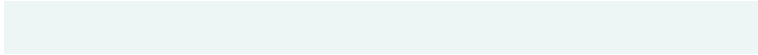
84.6971, 90.6812, 99.4254



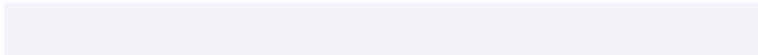
87.6178, 90.6812, 100.2992

Square

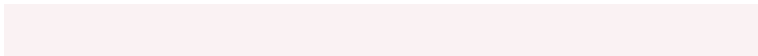
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6971, 90.6812, 99.4254



86.4300, 90.6812, 103.0989



87.6999, 90.6812, 98.0506



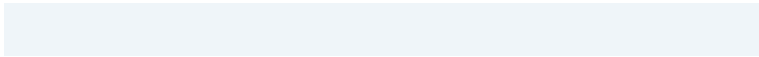
85.9500, 90.6812, 94.4987

Rectangle

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



84.6971, 90.6812, 99.4254



85.4109, 90.6812, 102.5194



87.6999, 90.6812, 98.0506



86.9733, 90.6812, 95.0477

Sweetspot

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



84.6997, 90.6851, 99.4274



94.0666, 99.4990, 108.5854



84.0103, 90.4508, 93.9213



20.1445, 21.3022, 23.2451



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

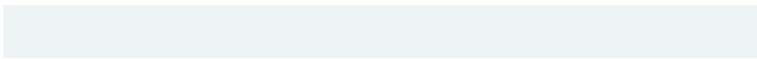
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6997, 90.6851, 99.4274



91.1911, 98.0344, 107.6478



83.9677, 88.9752, 99.9416



17.7386, 19.1458, 21.0537



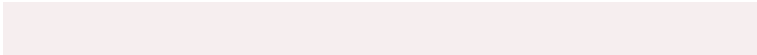
24.1837, 37.8183, 40.5825



2.1501, 3.3337, 3.6962

Inverse Universe

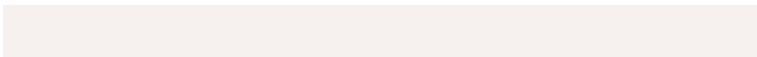
The Inverse Universe completely reimagines the original color for something new.



84.1639, 86.9763, 94.0180



90.4787, 93.1026, 100.4545



84.8774, 88.6400, 93.5261



17.5742, 18.0077, 19.3939



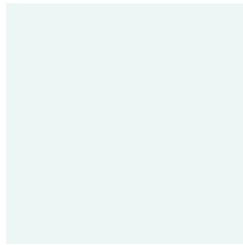
20.4443, 10.5212, 1.7823



1.8233, 0.9353, 0.2957

Previews

White Background



This preview shows how the XYZ color 84.6971, 90.6812, 99.4254 looks on a white background.

Color Contrast Check

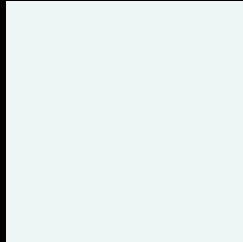
Large Text (above 18pt) WCAG AA × Fail

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 84.6971, 90.6812, 99.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

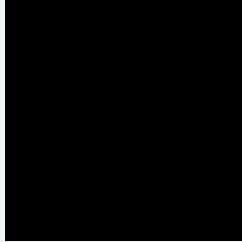
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

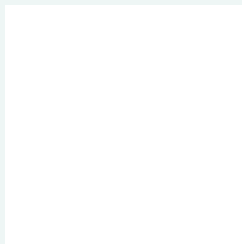
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6971, 90.6812, 99.4254

Background



This preview shows how black text looks on a background with the XYZ color 84.6971, 90.6812, 99.4254.



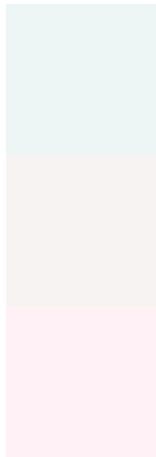
This preview shows how white text looks on a background with the XYZ color 84.6971, 90.6812,

99.454.

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

84.6971, 90.6812, 99.4254

Protanopia

86.9397, 90.5287, 97.6856

Deuteranopia

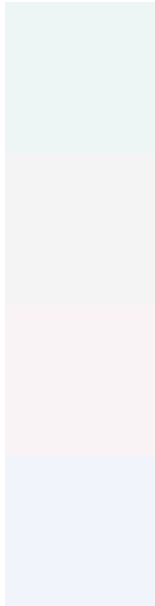
89.1767, 90.7632, 99.2051



Tritanopia

87.0186, 90.7986, 107.5473

Trichromacy



Original Color

84.6971, 90.6812, 99.4254

Protanomaly

85.9880, 90.4661, 98.5176

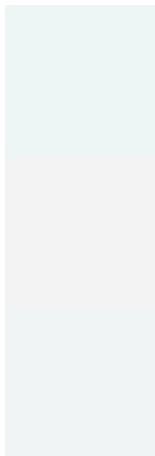
Deuteranomaly

87.5989, 90.8335, 99.3019

Tritanomaly

86.3406, 90.9706, 104.2752

Monochromacy



Original Color

84.6971, 90.6812, 99.4254

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9554, 89.9338, 98.4693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6971, 90.6812, 99.4254 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(238, 246, 245) looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 245)  
}
```

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(238, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.6971, 90.6812, 99.4254 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(238, 246, 245) }
```


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

```
.border{ border-color:rgb(238, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6971, 90.6812, 99.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 245) }
```

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

```
.background{ background-color: rgb(238,  
246, 245) }
```

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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