

Converting Colors

XYZ(83.8808, 90.8261, 94.4527)

Have a look what the booklet for
XYZ(83.8808, 90.8261, 94.4527)
contains.

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Color

**XYZ(84.1006, 90.9307,
94.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF7EF
RGB	238, 247, 239
RGB Percent	93%, 97%, 94%
CMY	0.0667, 0.0313, 0.0627
CMYK	0.04, 0.00, 0.03, 0.03
HSL	127°, 36%, 95%
HSV	127°, 4%, 97%
XYZ	84.1006, 90.9307, 94.7802
YIQ	243.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

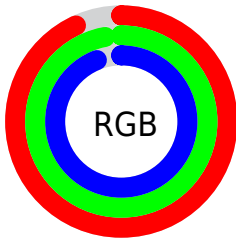
Format	Color
R_{YB}	238, 246, 247
Decimal	15661039
CIE Lab	96.38, -4.39, 2.80
CIE LCh	96, 5.202, 147.461
Yxy	90.9307, 0.3117, 0.3370
Android (android.graphics.Color)	4293851119 (0xFFEEF7EF)
YUV	243.3970, -2.1677, -4.7332
Hunter-Lab	95.3576, -9.4478, 7.8193

Details

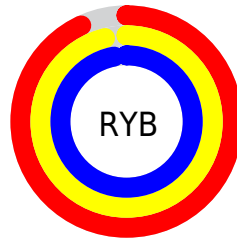
The XYZ color **84.1006, 90.9307, 94.7802** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.5701, 87.5792, 99.5875**, and the grayscale version is **85.5281, 89.9822, 97.9907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4694, 50.6256, 52.1223** is the 20% darker color. If you saturate the color by 10%, you get **73.3208, 85.7284, 78.3597**, and if you desaturate by 10%, it is **92.5526, 95.0051, 108.0675**.

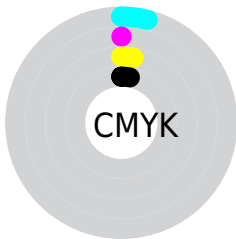
Distribution



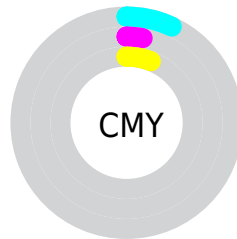
- Red (93%)
- Green (97%)
- Blue (94%)



- Red (93%)
- Yellow (96%)
- Blue (97%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1006, 90.9307, 94.7802 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 84.1006, 90.9307, 94.7802 by changing the saturation by 10% instead.

84.1006, 90.9307,
94.7802

84.1006, 90.9307,
94.7802

497.1759,
531.0537, 564.4274

63.4185, 68.7528,
71.3562

138.0364,
148.6305, 155.9539

46.4398, 50.5104,
52.1493

172.0208,
184.9212, 194.5406

32.7991, 35.8191,
36.7410

211.1701,
226.6850, 239.0186

22.1311, 24.2945,
24.7128

255.8495,
274.3062, 289.8065

14.0704, 15.5523,
15.6462

306.4244,
328.1694, 347.3228

8.2517, 9.2079,
9.1225

363.2602,

4.3096, 4.8770,

388.6587, 411.9860

4.7233

426.7222,
456.1587, 484.2147

■ 1.8787, 2.1753,
2.0299

■ 0.5644, 0.7065,
0.5736

■ 84.1006, 90.9307,
94.7802

■ 84.1006, 90.9307,
94.7802

■ 73.3208, 85.7284,
78.3597

■ 92.5526, 95.0051,
108.0675

■ 64.0102, 81.2371,
63.9896

■ 56.1074, 77.4293,
51.5912

■ 49.5436, 74.2714,
41.0784

■ 44.2442, 71.7269,
32.3589

■ 40.1272, 69.7558,
25.3325

■ 37.1010, 68.3131,
19.8892

■ 35.0602, 67.3471,
15.9060

■ 33.8783, 66.7955,
13.2416

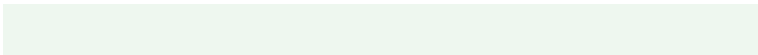
Harmonies

Analogous

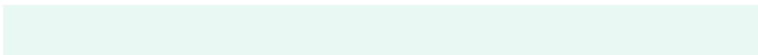
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1492, 90.9307, 92.0990



84.1006, 90.9307, 94.7802



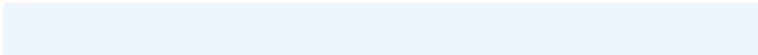
83.6748, 90.9307, 98.6552

Triad

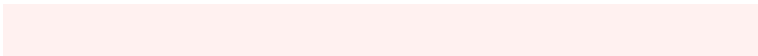
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1006, 90.9307, 94.7802



86.3036, 90.9307, 107.1908



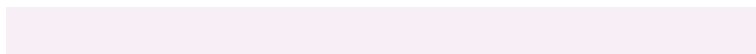
88.9214, 90.9307, 95.3759

Complementary

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



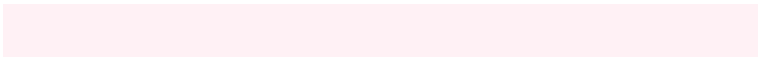
84.1006, 90.9307, 94.7802



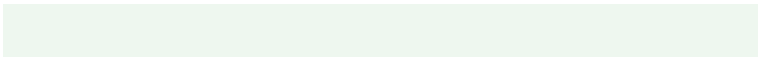
85.5701, 87.5792, 99.5875

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.



89.2387, 90.9307, 99.3618



84.1006, 90.9307, 94.7802



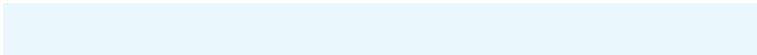
87.7174, 90.9307, 106.2544

Square

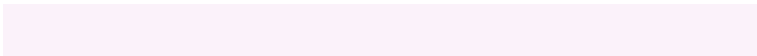
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



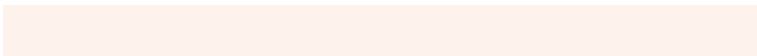
84.1006, 90.9307, 94.7802



84.9378, 90.9307, 105.8844



88.7957, 90.9307, 103.3598



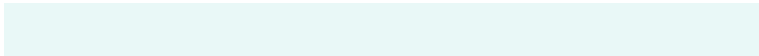
87.9333, 90.9307, 92.4361

Rectangle

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



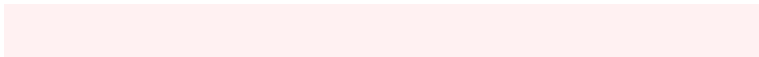
84.1006, 90.9307, 94.7802



83.7977, 90.9307, 101.4203



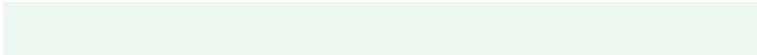
88.7957, 90.9307, 103.3598



89.1105, 90.9307, 96.6344

Sweetspot

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



84.1032, 90.9346, 94.7822



93.7552, 99.3744, 106.9457



86.7384, 92.3101, 94.1360



20.0811, 21.2768, 22.9114



0.0000, 0.0000, 0.0000



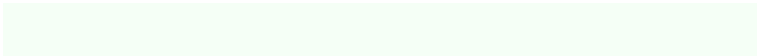
20.3446, 21.4041, 23.3091

Same Dimension

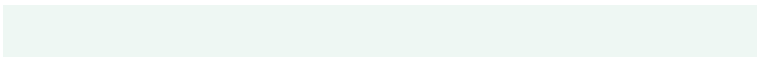
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1032, 90.9346, 94.7822



89.9708, 97.5463, 101.2215



84.7617, 91.1980, 98.2498



17.4570, 19.0331, 19.5710



17.7230, 35.2340, 6.5609



1.5817, 3.1064, 0.7034

Inverse Universe

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



85.5701, 87.5792, 99.5875



91.7000, 93.5911, 106.8858



84.9022, 87.3120, 96.0703



17.8560, 18.1205, 20.8780



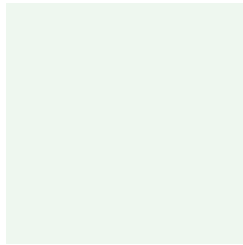
27.1202, 13.1915, 36.9372



2.4058, 1.1683, 3.3633

Previews

White Background



This preview shows how the XYZ color 84.1006, 90.9307, 94.7802 looks on a white background.

Color Contrast Check

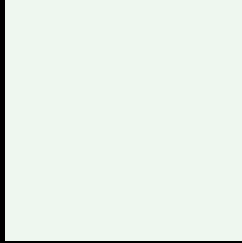
Large Text (above 18pt) WCAG AA × Fail

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 84.1006, 90.9307, 94.7802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

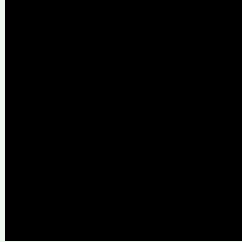
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

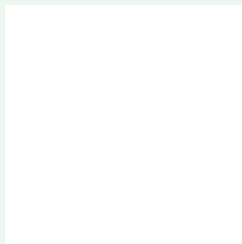
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1006, 90.9307, 94.7802

Background



This preview shows how black text looks on a background with the XYZ color 84.1006, 90.9307, 94.7802.



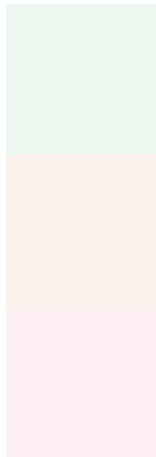
This preview shows how white text looks on a background with the XYZ color 84.1006, 90.9307,

94.7802.

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

84.1006, 90.9307, 94.7802

Protanopia

86.7610, 90.5396, 93.0239

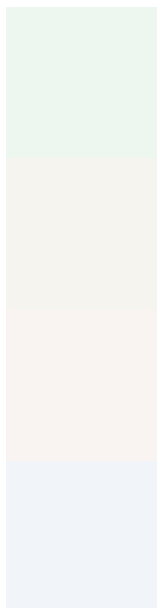
Deuteranopia

88.8730, 90.6417, 97.6055

Tritanopia

87.3628, 90.9761, 107.5634

Trichromacy



Original Color

84.1006, 90.9307, 94.7802

Protanomaly

85.7893, 90.4672, 93.8293

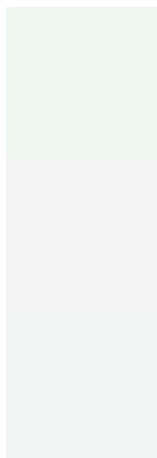
Deuteranomaly

87.1445, 90.6517, 96.9089

Tritanomaly

86.0269, 90.8451, 102.6233

Monochromacy



Original Color

84.1006, 90.9307, 94.7802

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.6533, 89.8129, 96.8783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1006, 90.9307, 94.7802 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, 247, 239) looks like.

```
.text, #text, p{  
    color:rgb(238, 247, 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(238, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 247, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.1006, 90.9307, 94.7802 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, 247, 239) }
```


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

```
.border{ border-color:rgb(238, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(238, 247,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1006, 90.9307, 94.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 247, 239) }
```

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

```
.background{ background-color: rgb(238,  
247, 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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