

Converting Colors

XYZ(87.9157, 95.2574,
100.6929)

Have a look what the booklet for
XYZ(87.9157, 95.2574, 100.6929)
contains.

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Color

**XYZ(87.7206, 94.9754,
100.8975)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FCF6
RGB	241, 252, 246
RGB Percent	95%, 99%, 96%
CMY	0.0549, 0.0117, 0.0353
CMYK	0.04, 0.00, 0.02, 0.01
HSL	147°, 65%, 97%
HSV	147°, 4%, 99%
XYZ	87.7206, 94.9754, 100.8975
YIQ	248.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

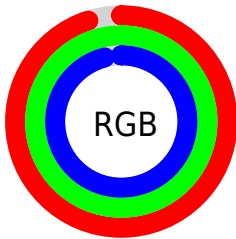
Format	Color
R_{YB}	241, 249, 252
Decimal	15858934
CIE _{Lab}	98.02, -4.67, 1.61
CIE _{LCh}	98, 4.942, 161.029
Yxy	94.9754, 0.3093, 0.3349
Android (android.graphics.Color)	4294049014 (0xFFFF1FCF6)
YUV	248.0270, -0.9993, -6.1627
Hunter-Lab	97.4553, -9.8770, 6.8346

Details

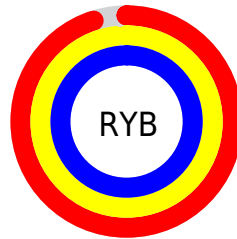
The XYZ color 87.7206, 94.9754, 100.8975 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3922, 90.3239, 100.7758, and the grayscale version is 89.2582, 93.9065, 102.2642.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8170, 53.0622, 56.3843 is the 20% darker color. If you saturate the color by 10%, you get 77.6737, 90.0336, 89.8161, and if you desaturate by 10%, it is 94.1022, 98.1044, 108.5841.

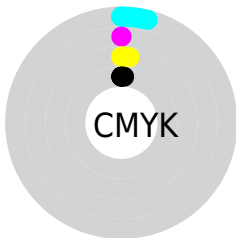
Distribution



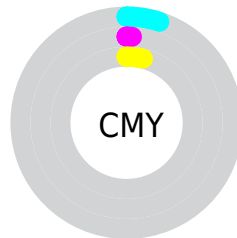
- Red (95%)
- Green (99%)
- Blue (96%)



- Red (95%)
- Yellow (98%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7206, 94.9754, 100.8975 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 87.7206, 94.9754, 100.8975 by changing the saturation by 10% instead.

87.7206, 94.9754,
100.8975

87.7206, 94.9754,
100.8975

508.9369,
544.0862, 584.3376

66.4217, 72.1145,
76.4292

143.0626,
154.2306, 164.4526

48.8838, 53.2522,
56.2758

177.8365,
191.3937, 204.3766

34.7415, 38.0042,
40.0186

217.8327,
234.0930, 250.2895

23.6294, 25.9859,
27.2391

263.4167,
282.7129, 302.6099

15.1822, 16.8131,
17.5189

314.9537,
337.6378, 361.7564

9.0345, 10.1013,
10.4393

372.8092,

4.8210, 5.4662,

399.2520, 428.1475

5.5818

437.3485,
467.9400, 502.2017

■ 2.1763, 2.5233,
2.5278

■ 0.7302, 0.8883,
0.8549

■ 87.7206, 94.9754,
100.8975

■ 87.7206, 94.9754,
100.8975

■ 77.6737, 90.0336,
89.8161

■ 94.1022, 98.1044,
108.5841

■ 68.9185, 85.7374,
79.5912

■ 61.4022, 82.0626,
70.2043

■ 55.0653, 78.9789,
61.6337

■ 49.8433, 76.4536,
53.8570

■ 45.6651, 74.4504,
46.8504

■ 42.4508, 72.9286,
40.5891

■ 40.1082, 71.8412,
35.0464

■ 38.5249, 71.1308,
30.1938

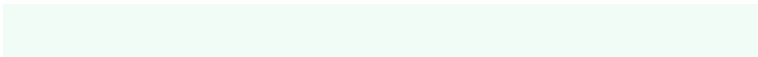
Harmonies

Analogous

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



88.4956, 94.9754, 97.6399



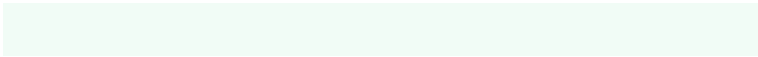
87.7206, 94.9754, 100.8975



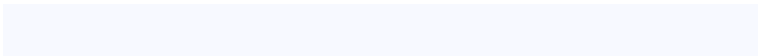
87.6249, 94.9754, 104.9111

Triad

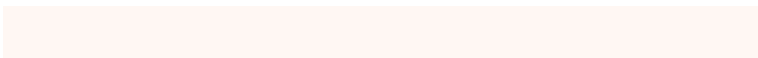
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7206, 94.9754, 100.8975



90.7932, 94.9754, 111.2569



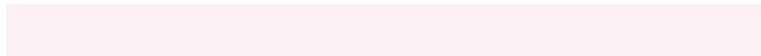
92.3411, 94.9754, 98.3769

Complementary

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



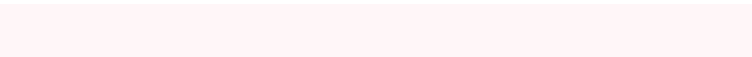
87.7206, 94.9754, 100.8975



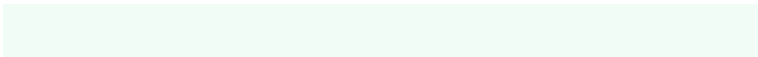
88.3922, 90.3239, 100.7758

Split Complementary

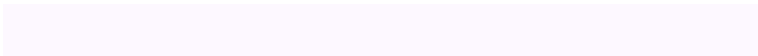
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9704, 94.9754, 101.9274



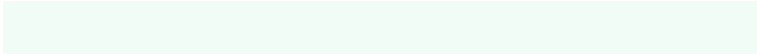
87.7206, 94.9754, 100.8975



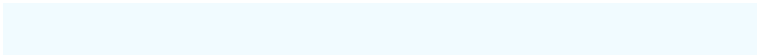
92.0706, 94.9754, 109.4073

Square

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



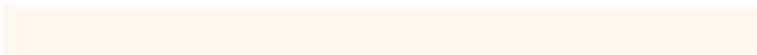
87.7206, 94.9754, 100.8975



89.3889, 94.9754, 110.9636



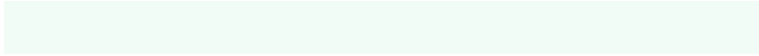
92.8709, 94.9754, 105.9681



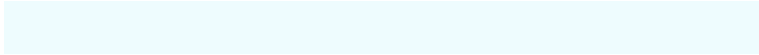
91.1594, 94.9754, 96.2112

Rectangle

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



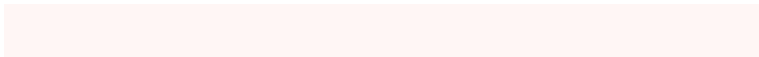
87.7206, 94.9754, 100.8975



87.9580, 94.9754, 107.4842



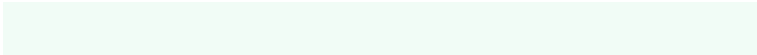
92.8709, 94.9754, 105.9681



92.6248, 94.9754, 99.4441

Sweetspot

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



87.7233, 94.9795, 100.8996



93.8948, 99.4303, 107.6809



89.0665, 95.7594, 97.0096



20.1095, 21.2882, 23.0610



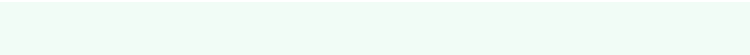
0.0000, 0.0000, 0.0000



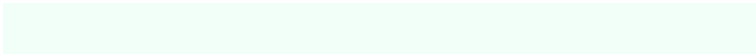
20.3446, 21.4041, 23.3091

Same Dimension

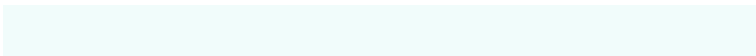
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7233, 94.9795, 100.8996



89.4138, 97.2215, 102.8952



88.5730, 95.3193, 105.3740



18.1670, 19.8450, 20.9170



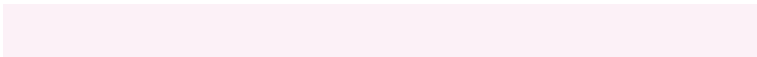
19.8025, 36.9340, 14.8350



1.8868, 3.4418, 1.6515

Inverse Universe

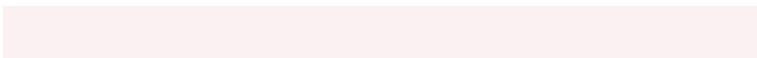
The Inverse Universe completely reimagines the original color for something new.



88.3922, 90.3239, 100.7758



90.1977, 91.7656, 102.7502



87.5626, 89.9921, 96.4072



18.3490, 18.5785, 20.8833



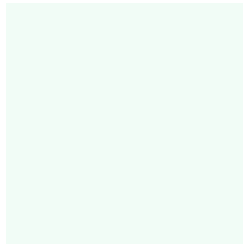
23.3580, 11.7589, 13.8595



2.2168, 1.1105, 1.5653

Previews

White Background



This preview shows how the XYZ color 87.7206, 94.9754, 100.8975 looks on a white background.

Color Contrast Check

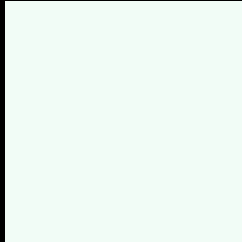
Large Text (above 18pt) WCAG AA × Fail

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 87.7206, 94.9754, 100.8975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

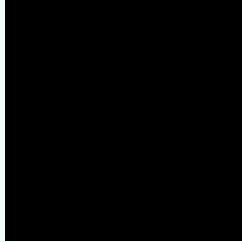
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

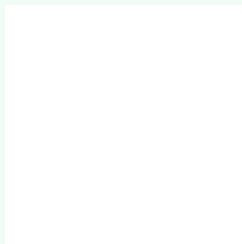
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7206, 94.9754, 100.8975

Background



This preview shows how black text looks on a background with the XYZ color 87.7206, 94.9754, 100.8975.



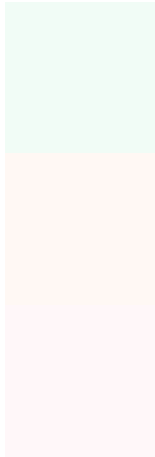
This preview shows how white text looks on a background with the XYZ color 87.7206, 94.9754,

100.8975.

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

87.7206, 94.9754, 100.8975

Protanopia

91.1365, 94.9265, 99.1072

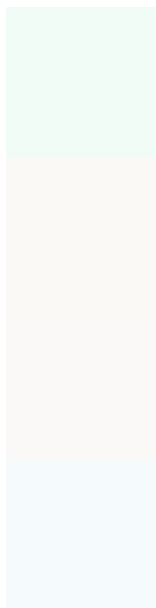
Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

87.7206, 94.9754, 100.8975

Protanomaly

89.7815, 94.6679, 99.9269

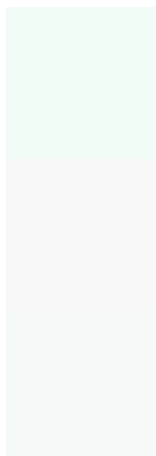
Deuteranomaly

90.2433, 94.8527, 102.3590

Tritanomaly

89.4125, 94.8120, 105.6835

Monochromacy



Original Color

87.7206, 94.9754, 100.8975

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.3204, 93.8792, 101.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7206, 94.9754, 100.8975 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(241, 252, 246) looks like.

```
.text, #text, p{  
    color:rgb(241, 252, 246)  
}
```

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(241, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 252, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.7206, 94.9754, 100.8975 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(241, 252, 246) }
```


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

```
.border{ border-color:rgb(241, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 252,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7206, 94.9754, 100.8975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 252, 246) }
```

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

```
.background{ background-color: rgb(241,  
252, 246) }
```

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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