

Converting Colors

XYZ(87.0515, 93.5244, 98.9389)

Have a look what the booklet for
XYZ(87.0515, 93.5244, 98.9389)
contains.

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Color

**XYZ(87.1327, 93.7801,
99.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FAF4
RGB	242, 250, 244
RGB Percent	95%, 98%, 96%
CMY	0.0510, 0.0196, 0.0431
CMYK	0.03, 0.00, 0.02, 0.02
HSL	135°, 44%, 96%
HSV	135°, 3%, 98%
XYZ	87.1327, 93.7801, 99.0969
YIQ	246.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

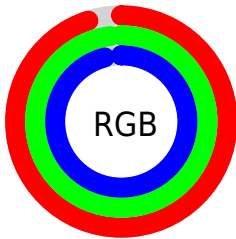
Format	Color
R _Y B	242, 248, 250
Decimal	15923956
CIE Lab	97.54, -3.69, 1.95
CIE LCh	98, 4.174, 152.222
Yxy	93.7801, 0.3112, 0.3349
Android (android.graphics.Color)	4294114036 (0xFF2FAF4)
YUV	246.9240, -1.4415, -4.3183
Hunter-Lab	96.8401, -8.8634, 7.1164

Details

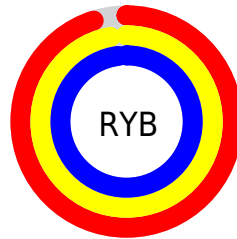
The XYZ color **87.1327, 93.7801, 99.0969** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.1232, 90.6080, 101.6561**, and the grayscale version is **88.3616, 92.9633, 101.2370**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6186, 52.6535, 55.1776** is the 20% darker color. If you saturate the color by 10%, you get **76.4275, 88.5765, 84.4806**, and if you desaturate by 10%, it is **93.4774, 96.8548, 108.3758**.

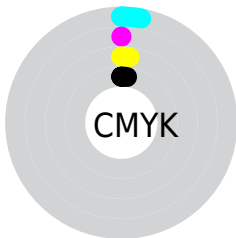
Distribution



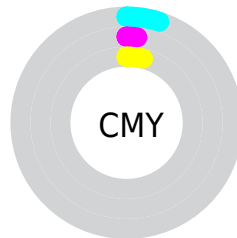
- Red (95%)
- Green (98%)
- Blue (96%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.1327, 93.7801, 99.0969 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 87.1327, 93.7801, 99.0969 by changing the saturation by 10% instead.

87.1327, 93.7801,
99.0969

87.1327, 93.7801,
99.0969

507.0368,
540.2522, 578.5153

65.9334, 71.1201,
74.9339

142.2478,
152.5782, 161.9566

48.4859, 52.4402,
55.0573

176.8943,
189.4850, 201.4903

34.4247, 37.3561,
39.0487

216.7540,
231.9096, 246.9847

23.3845, 25.4833,
26.4895

262.1922,
280.2363, 298.8583

14.9999, 16.4375,
16.9611

313.5742,
334.8495, 357.5296

8.9056, 9.8343,
10.0451

371.2654,

4.7363, 5.2892,

396.1336, 423.4172

5.3229

435.6312,
464.4731, 496.9396

■ 2.1265, 2.4179,
2.3759

■ 0.7036, 0.8351,
0.7733

■ 87.1327, 93.7801,
99.0969

■ 87.1327, 93.7801,
99.0969

■ 76.4275, 88.5765,
84.4806

■ 93.4774, 96.8548,
108.3758

■ 67.1265, 84.0617,
71.3956

■ 59.1729, 80.2100,
59.7940

■ 52.5029, 76.9896,
49.6232

■ 47.0472, 74.3662,
40.8275

■ 42.7302, 72.3018,
33.3473

■ 39.4673, 70.7541,
27.1190

■ 37.1613, 69.6747,
22.0733

■ 35.6960, 69.0050,
18.1340

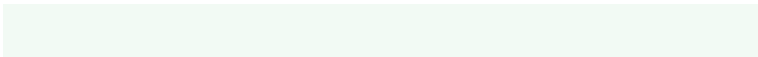
Harmonies

Analogous

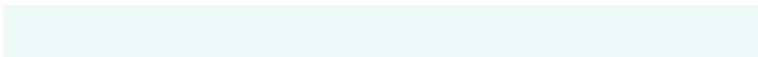
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9248, 93.7801, 96.6844



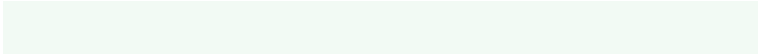
87.1327, 93.7801, 99.0969



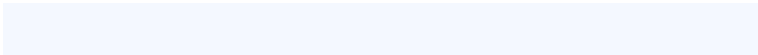
86.8758, 93.7801, 102.3640

Triad

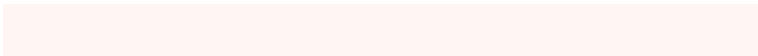
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1327, 93.7801, 99.0969



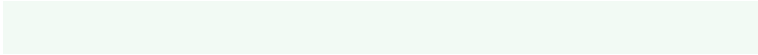
89.2236, 93.7801, 108.7768



91.0784, 93.7801, 98.6677

Complementary

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



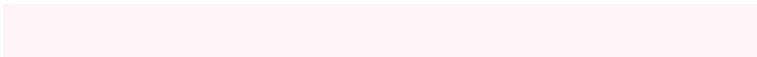
87.1327, 93.7801, 99.0969



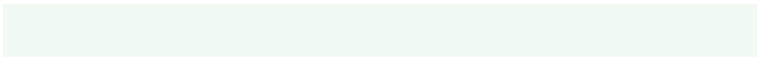
88.1232, 90.6080, 101.6561

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.



91.4334, 93.7801, 101.8576



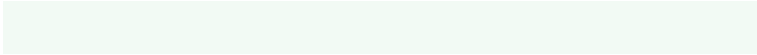
87.1327, 93.7801, 99.0969



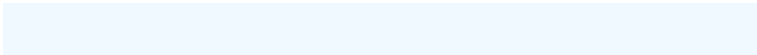
90.3566, 93.7801, 107.7361

Square

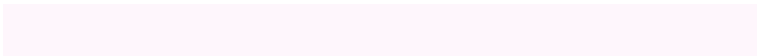
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



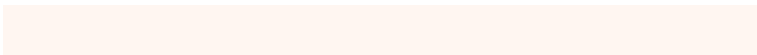
87.1327, 93.7801, 99.0969



88.0766, 93.7801, 107.9987



91.1681, 93.7801, 105.1848



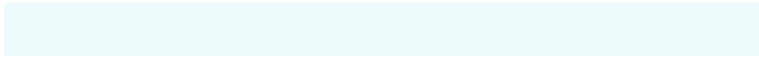
90.2022, 93.7801, 96.4405

Rectangle

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



87.1327, 93.7801, 99.0969



87.0407, 93.7801, 104.6005



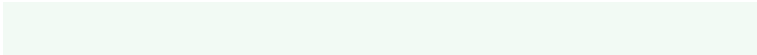
91.1681, 93.7801, 105.1848



91.2630, 93.7801, 99.6605

Sweetspot

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



87.1353, 93.7841, 99.0989



93.8116, 99.3970, 107.2425



88.9751, 94.7674, 97.6082



20.0926, 21.2814, 22.9718



0.0000, 0.0000, 0.0000



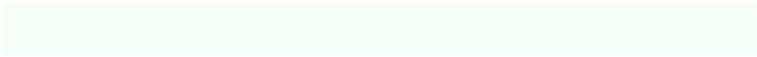
20.3446, 21.4041, 23.3091

Same Dimension

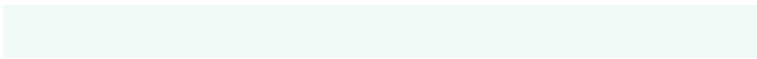
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1353, 93.7841, 99.0989



90.1888, 97.6335, 102.3698



87.7293, 94.0217, 102.2265



18.3005, 19.9180, 20.7333



18.6493, 36.4727, 8.7624



1.7678, 3.3942, 1.0249

Inverse Universe

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



88.1232, 90.6080, 101.6561



91.4742, 93.5008, 105.6971



87.5289, 90.3703, 98.5263



18.6112, 18.9190, 21.5376



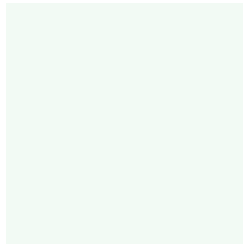
25.7606, 12.7200, 26.5113



2.4281, 1.1950, 2.6779

Previews

White Background



This preview shows how the XYZ color 87.1327, 93.7801, 99.0969 looks on a white background.

Color Contrast Check

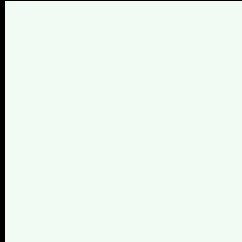
Large Text (above 18pt) WCAG AA × Fail

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 87.1327, 93.7801, 99.0969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

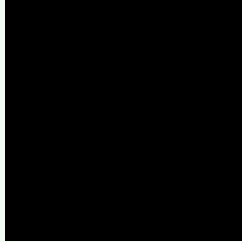
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

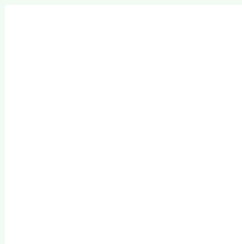
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.1327, 93.7801, 99.0969

Background



This preview shows how black text looks on a background with the XYZ color 87.1327, 93.7801, 99.0969.

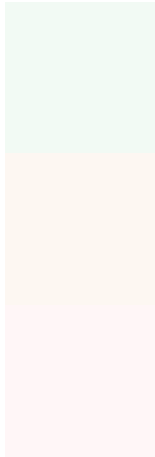


This preview shows how white text looks on a background with the XYZ color 87.1327, 93.7801,

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

87.1327, 93.7801, 99.0969

Protanopia

89.7958, 93.8150, 97.3798

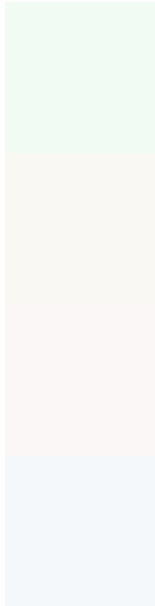
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

89.6685, 93.5157, 107.9320

Trichromacy



Original Color

87.1327, 93.7801, 99.0969

Protanomaly

88.8120, 93.7456, 98.2078

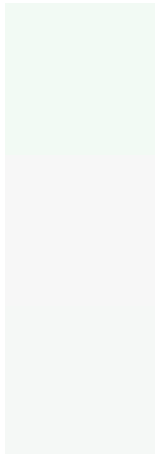
Deuteranomaly

89.3197, 93.4993, 100.5283

Tritanomaly

88.6362, 93.5123, 104.6448

Monochromacy



Original Color

87.1327, 93.7801, 99.0969

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.8581, 93.2011, 100.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1327, 93.7801, 99.0969 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(242, 250, 244) looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 244)  
}
```

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(242, 250, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 244) }
```

Border

The CSS property to change the border of an element to XYZ 87.1327, 93.7801, 99.0969 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(242, 250, 244) }
```


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

```
.border{ border-color:rgb(242, 250, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1327, 93.7801, 99.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 244) }
```

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

```
.background{ background-color: rgb(242,  
250, 244) }
```

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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