

Converting Colors

XYZ(87.1172, 94.1499,
103.5053)

Have a look what the booklet for
XYZ(87.1172, 94.1499, 103.5053)
contains.

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Color

**XYZ(87.1927, 94.1846,
103.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFBF9
RGB	239, 251, 249
RGB Percent	94%, 98%, 98%
CMY	0.0627, 0.0157, 0.0235
CMYK	0.05, 0.00, 0.01, 0.02
HSL	170°, 60%, 96%
HSV	170°, 5%, 98%
XYZ	87.1927, 94.1846, 103.2064
YIQ	247.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

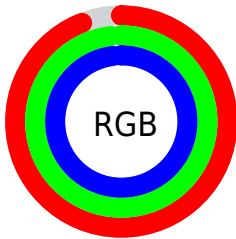
Format	Color
R _Y B	239, 246, 251
Decimal	15727609
CIE Lab	97.71, -4.28, -0.42
CIE LCh	98, 4.304, 185.556
Yxy	94.1846, 0.3064, 0.3310
Android (android.graphics.Color)	4293917689 (0xFFE ^{FF} BF9)
YUV	247.1840, 0.8953, -7.1774
Hunter-Lab	97.0488, -9.4634, 4.8822

Details

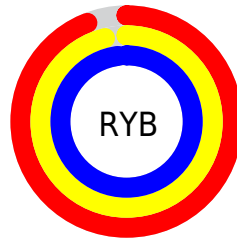
The XYZ color **87.1927, 94.1846, 103.2064** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.5309, 88.5957, 95.7637**, and the grayscale version is **88.5568, 93.1686, 101.4606**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6692, 52.9477, 58.1069** is the 20% darker color. If you saturate the color by 10%, you get **78.6544, 89.8602, 99.4345**, and if you desaturate by 10%, it is **93.4992, 97.3620, 106.9538**.

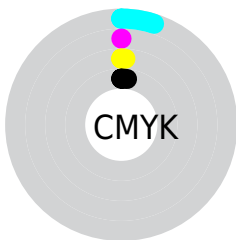
Distribution



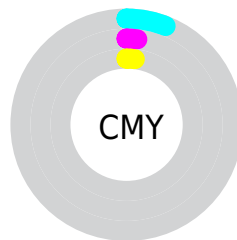
- Red (94%)
- Green (98%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.1927, 94.1846, 103.2064 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 87.1927, 94.1846, 103.2064 by changing the saturation by 10% instead.

87.1927, 94.1846,
103.2064

87.1927, 94.1846,
103.2064

507.2309,
541.5513, 591.7587

65.9833, 71.4565,
78.3493

142.3310,
153.1376, 167.6468

48.5265, 52.7148,
57.8428

176.9905,
190.1313, 208.0671

34.4570, 37.5752,
41.2684

216.8642,
232.6490, 254.5122

23.4094, 25.6531,
28.2076

262.3172,
281.0751, 307.4006

15.0185, 16.5643,
18.2418

313.7151,
335.7940, 367.1510

8.9188, 9.9244,
10.9525

371.4231,

4.7449, 5.3488,

397.1900, 434.1818

5.9211

435.8066,
465.6477, 508.9115

■ 2.1316, 2.4534,
2.7292

■ 0.7063, 0.8531,
0.9581

■ 87.1927, 94.1846,
103.2064

■ 87.1927, 94.1846,
103.2064

■ 78.6544, 89.8602,
99.4345

■ 93.4992, 97.3620,
106.9538

■ 71.2565, 86.1195,
95.7897

■ 93.7889, 97.4779,
108.4796

■ 64.9500, 82.9397,
92.2711

■ 59.6794, 80.2923,
88.8756

■ 55.3839, 78.1460,
85.5999

■ 51.9968, 76.4663,
82.4403

■ 49.4424, 75.2143,
79.3928

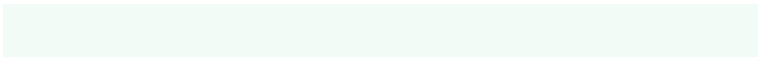
■ 47.6330, 74.3447,
76.4527

■ 46.4605, 73.8018,
73.6145

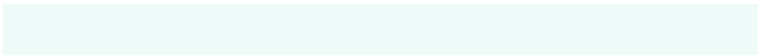
Harmonies

Analogous

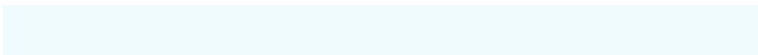
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3897, 94.1846, 99.7813



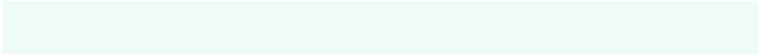
87.1927, 94.1846, 103.2064



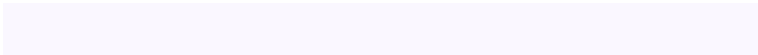
87.6146, 94.1846, 106.5291

Triad

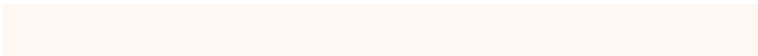
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1927, 94.1846, 103.2064



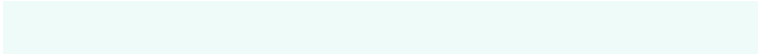
90.8981, 94.1846, 108.1448



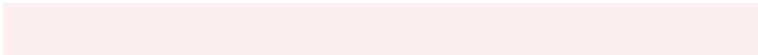
90.4991, 94.1846, 96.5240

Complementary

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



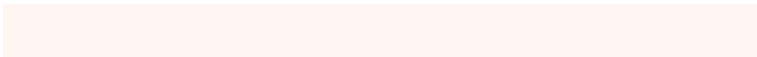
87.1927, 94.1846, 103.2064



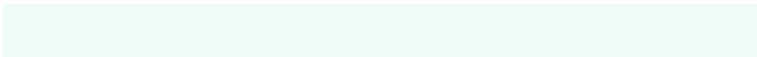
86.5309, 88.5957, 95.7637

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.



91.4521, 94.1846, 98.6732



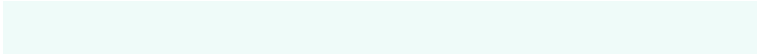
87.1927, 94.1846, 103.2064



91.6839, 94.1846, 105.3715

Square

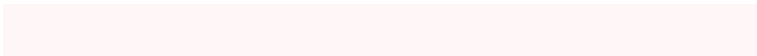
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.1927, 94.1846, 103.2064



89.7482, 94.1846, 109.4218



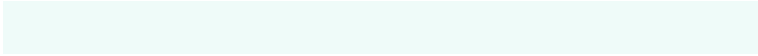
91.8876, 94.1846, 101.8984



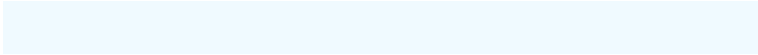
89.2915, 94.1846, 95.9741

Rectangle

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



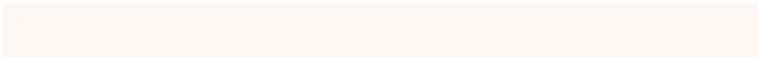
87.1927, 94.1846, 103.2064



88.1923, 94.1846, 108.2228



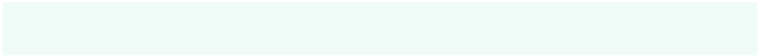
91.8876, 94.1846, 101.8984



90.8602, 94.1846, 97.0810

Sweetspot

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



87.1954, 94.1886, 103.2085



94.0496, 99.4922, 108.4958



86.4241, 93.9664, 95.2452



20.1410, 21.3008, 23.2268



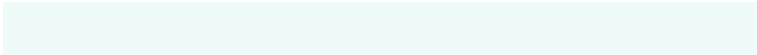
0.0000, 0.0000, 0.0000



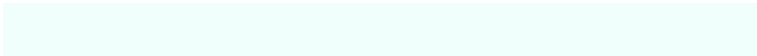
20.3446, 21.4041, 23.3091

Same Dimension

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



87.1954, 94.1886, 103.2085



89.2348, 97.0494, 106.4955



86.3341, 91.9631, 104.4718



18.1627, 19.8239, 21.7692



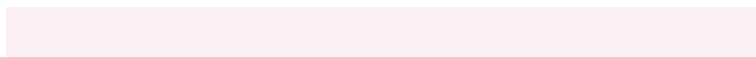
24.2359, 38.7074, 38.1810



2.2766, 3.5977, 3.7045

Inverse Universe

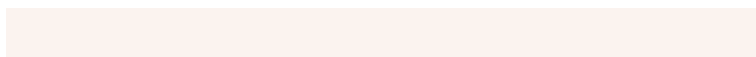
The Inverse Universe completely reimagines the original color for something new.



86.5309, 88.5957, 95.7637



88.3771, 89.8298, 96.8856



87.3577, 90.7258, 94.5705



17.9691, 18.1940, 19.5997



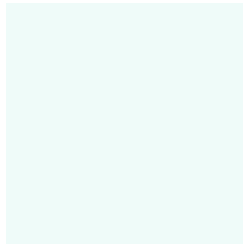
21.1659, 10.8821, 2.3162



1.9928, 1.0208, 0.3854

Previews

White Background



This preview shows how the XYZ color 87.1927, 94.1846, 103.2064 looks on a white background.

Color Contrast Check

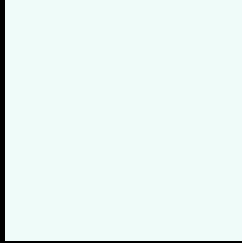
Large Text (above 18pt) WCAG AA × Fail

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 87.1927, 94.1846, 103.2064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

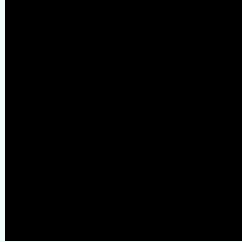
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

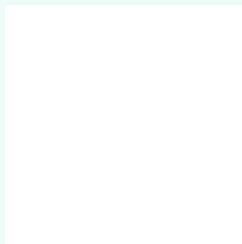
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.1927, 94.1846, 103.2064

Background



This preview shows how black text looks on a background with the XYZ color 87.1927, 94.1846, 103.2064.

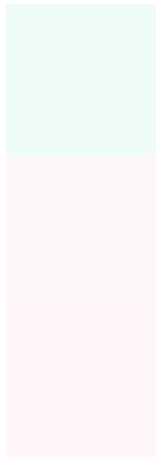


This preview shows how white text looks on a background with the XYZ color 87.1927, 94.1846,

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

87.1927, 94.1846, 103.2064

Protanopia

90.5573, 94.1196, 101.3897

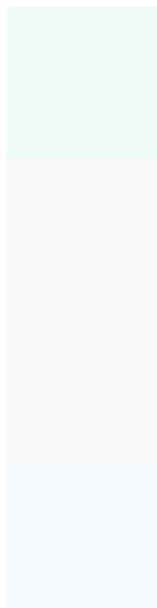
Deuteranopia

91.2947, 94.0111, 102.9567

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



Original Color

87.1927, 94.1846, 103.2064

Protanomaly

89.2221, 93.8686, 102.2229

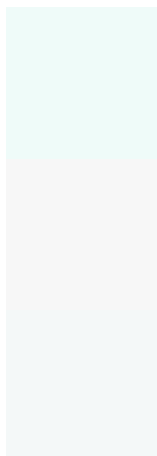
Deuteranomaly

89.7332, 94.1141, 103.0589

Tritanomaly

88.5675, 93.8979, 106.3846

Monochromacy



Original Color

87.1927, 94.1846, 103.2064

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.8189, 93.1452, 102.1572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1927, 94.1846, 103.2064 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(239, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 251, 249)  
}
```

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(239, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 251, 249) }
```

Border

The CSS property to change the border of an element to XYZ 87.1927, 94.1846, 103.2064 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(239, 251, 249) }
```


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

```
.border{ border-color:rgb(239, 251, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 251, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 251,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1927, 94.1846, 103.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 251, 249) }
```

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

```
.background{ background-color: rgb(239,  
251, 249) }
```

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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