

Converting Colors

XYZ(82.3426, 87.0997,
102.0955)

Have a look what the booklet for
XYZ(82.3426, 87.0997, 102.0955)
contains.

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Color

**XYZ(82.4859, 87.2426,
102.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF1F9
RGB	234, 241, 249
RGB Percent	92%, 95%, 98%
CMY	0.0823, 0.0549, 0.0235
CMYK	0.06, 0.03, 0.00, 0.02
HSL	212°, 56%, 95%
HSV	212°, 6%, 98%
XYZ	82.4859, 87.2426, 102.1146
YIQ	239.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

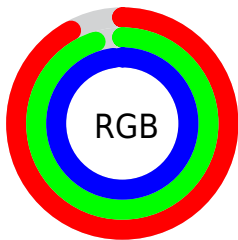
Format	Color
R _Y B	234, 239, 249
Decimal	15397369
CIE Lab	94.84, -0.84, -4.66
CIE LCh	95, 4.736, 259.809
Yxy	87.2426, 0.3034, 0.3209
Android (android.graphics.Color)	4293587449 (0xFFEAF1F9)
YUV	239.8190, 4.5262, -5.1033
Hunter-Lab	93.4037, -5.8212, 0.5632

Details

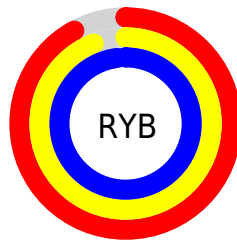
The XYZ color **82.4859, 87.2426, 102.1146** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6707, 89.5838, 90.6195**, and the grayscale version is **82.6546, 86.9590, 94.6984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3347, 48.0132, 57.3301** is the 20% darker color. If you saturate the color by 10%, you get **71.0921, 75.7491, 100.4980**, and if you desaturate by 10%, it is **93.8697, 99.1608, 103.8164**.

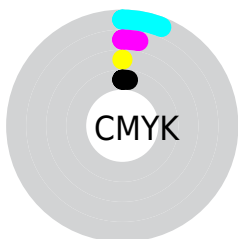
Distribution



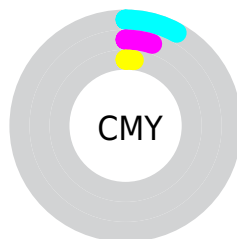
- Red (92%)
- Green (95%)
- Blue (98%)



- Red (92%)
- Yellow (94%)
- Blue (98%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4859, 87.2426, 102.1146 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 82.4859, 87.2426, 102.1146 by changing the saturation by 10% instead.

82.4859, 87.2426,
102.1146

82.4859, 87.2426,
102.1146

491.8814,
519.0197, 588.2557

62.0816, 65.6960,
77.4410

135.7875,
143.5022, 166.1373

45.3545, 48.0257,
57.1012

169.4154,
178.9840, 206.3234

31.9392, 33.8472,
40.6766

208.1820,
219.8797, 252.5175

21.4704, 22.7762,
27.7487

252.4526,
266.5736, 305.1380

13.5827, 14.4284,
17.8989

302.5924,
319.4502, 364.6036

7.9107, 8.4192,
10.7087

358.9670,

4.0892, 4.3643,

378.8938, 431.3327

5.7596

421.9415,
445.2888, 505.7439

■ 1.7527, 1.8794,
2.6331

■ 0.4889, 0.5359,
0.9095

■ 82.4859, 87.2426,
102.1146

■ 82.4859, 87.2426,
102.1146

■ 71.0921, 75.7491,
100.4980

■ 93.8697, 99.1608,
103.8164

■ 61.0772, 65.3801,
99.0244

■ 94.0991, 99.6197,
103.8929

■ 52.3866, 56.1005,
97.6913

■ 44.9587, 47.8690,
96.4940

■ 38.7269, 40.6412,
95.4273

■ 33.6176, 34.3688,
94.4859

■ 29.5483, 28.9985,
93.6638

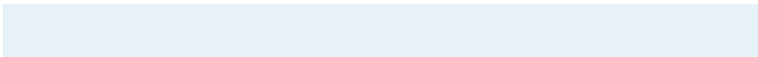
■ 26.4236, 24.4697,
92.9543

■ 24.1263, 20.7100,
92.3497

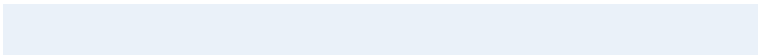
Harmonies

Analogous

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



81.3402, 87.2426, 100.4903



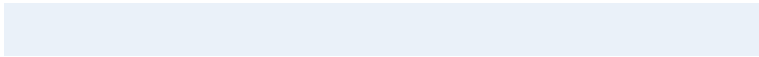
82.4859, 87.2426, 102.1146



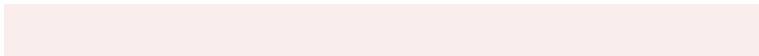
83.7600, 87.2426, 101.7933

Triad

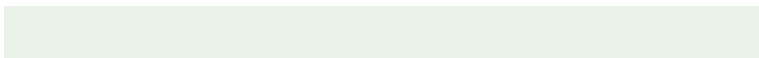
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4859, 87.2426, 102.1146



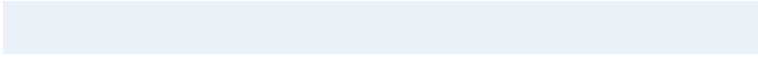
85.2634, 87.2426, 92.6190



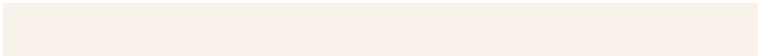
81.0519, 87.2426, 90.5070

Complementary

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



82.4859, 87.2426, 102.1146



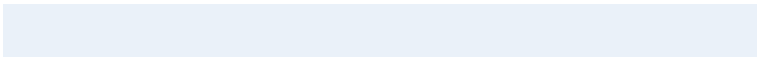
85.6707, 89.5838, 90.6195

Split Complementary

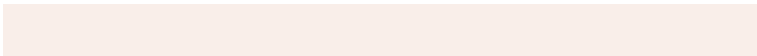
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0886, 87.2426, 88.5013



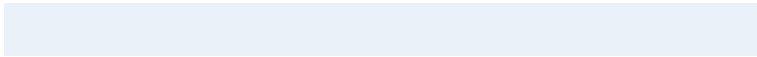
82.4859, 87.2426, 102.1146



84.5232, 87.2426, 89.6987

Square

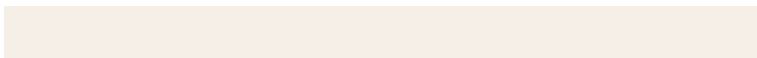
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



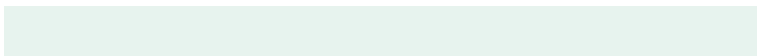
82.4859, 87.2426, 102.1146



85.3724, 87.2426, 96.2475



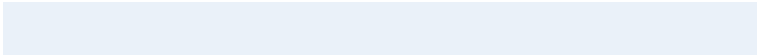
83.3586, 87.2426, 88.2092



80.5179, 87.2426, 93.7482

Rectangle

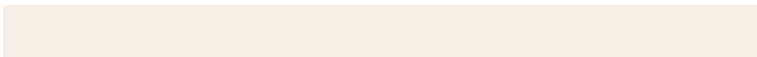
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4859, 87.2426, 102.1146



84.5104, 87.2426, 100.5218



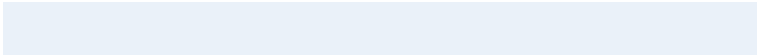
83.3586, 87.2426, 88.2092



81.3526, 87.2426, 89.6695

Sweetspot

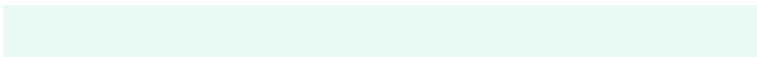
The Sweet Spot groups the original color and five complimentary colors.



82.4884, 87.2463, 102.1165



92.3373, 97.3231, 108.5263



83.7983, 91.6411, 97.0810



19.7924, 20.8593, 23.2330



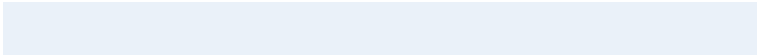
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.4884, 87.2463, 102.1165



85.8243, 90.8487, 107.6199



80.5370, 83.2215, 101.4425



17.4337, 18.4631, 22.0302



12.6513, 10.6581, 49.3640



1.2767, 1.1971, 4.6070

Inverse Universe

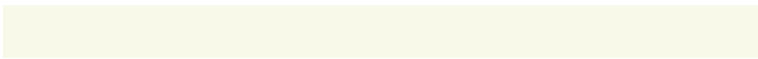
The Inverse Universe completely reimagines the original color for something new.



84.3689, 85.3380, 95.2486



88.1231, 88.5375, 99.2193



87.7062, 93.7872, 91.3235



17.9429, 17.9541, 20.1688



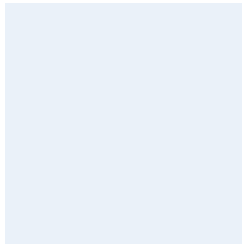
22.6778, 11.4868, 10.2777



2.1534, 1.0851, 1.2310

Previews

White Background



This preview shows how the XYZ color 82.4859, 87.2426, 102.1146 looks on a white background.

Color Contrast Check

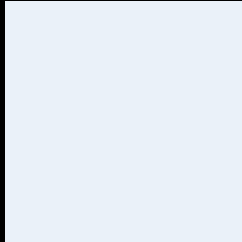
Large Text (above 18pt) WCAG AA × Fail

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 82.4859, 87.2426, 102.1146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

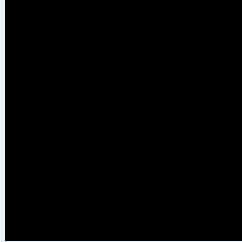
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

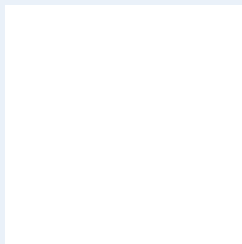
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4859, 87.2426, 102.1146

Background



This preview shows how black text looks on a background with the XYZ color 82.4859, 87.2426, 102.1146.

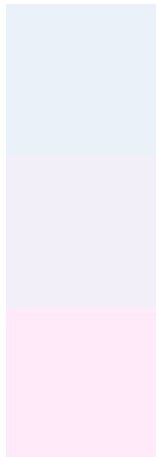


This preview shows how white text looks on a background with the XYZ color 82.4859, 87.2426,

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

82.4859, 87.2426, 102.1146

Protanopia

84.4277, 87.3876, 101.2246

Deuteranopia

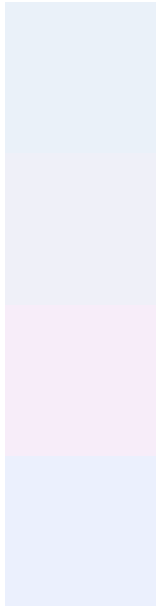
87.7617, 86.9452, 101.7791



Tritanopia

83.8022, 87.3730, 107.0556

Trichromacy



Original Color

82.4859, 87.2426, 102.1146

Protanomaly

83.7000, 87.4482, 101.2747

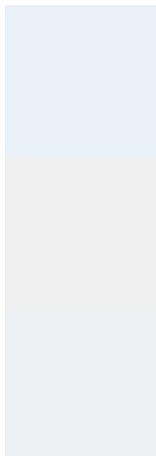
Deuteranomaly

85.7408, 87.1821, 101.9313

Tritanomaly

83.1507, 87.0742, 105.3530

Monochromacy



Original Color

82.4859, 87.2426, 102.1146

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5976, 86.9684, 97.2272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4859, 87.2426, 102.1146 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(234, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(234, 241, 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(234, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 241, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.4859, 87.2426, 102.1146 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(234, 241, 249) }
```


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

```
.border{ border-color:rgb(234, 241, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 241, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(234, 241,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4859, 87.2426, 102.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 241, 249) }
```

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

```
.background{ background-color: rgb(234,  
241, 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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