

Converting Colors

XYZ(82.9119, 86.0598,
102.3855)

Have a look what the booklet for
XYZ(82.9119, 86.0598, 102.3855)
contains.

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Color

**XYZ(83.0897, 86.2283,
102.7069)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EEEEFA |
| RGB | 238, 238, 250 |
| RGB Percent | 93%, 93%, 98% |
| CMY | 0.0667, 0.0666, 0.0196 |
| CMYK | 0.05, 0.05, 0.00, 0.02 |
| HSL | 240°, 55%, 96% |
| HSV | 240°, 5%, 98% |
| XYZ | 83.0897, 86.2283, 102.7069 |
| YIQ | 239.3680, -3.8520, 3.7320 |

Conversions

Conversions Part 2

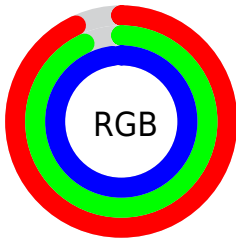
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 238, 238, 250 |
| Decimal | 15658746 |
| CIE Lab | 94.41, 2.18, -5.78 |
| CIE LCh | 94, 6.181, 290.669 |
| Yxy | 86.2283, 0.3054, 0.3170 |
| Android (android.graphics.Color) | 4293848826 (0xFFEEEEFA) |
| YUV | 239.3680, 5.2416, -1.1997 |
| Hunter-Lab | 92.8592, -2.7831, -0.5763 |

Details

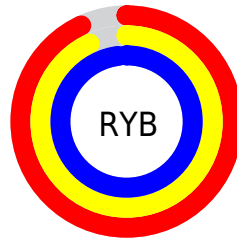
The XYZ color **83.0897, 86.2283, 102.7069** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.0427, 94.8673, 94.5084**, and the grayscale version is **82.2954, 86.5812, 94.2869**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7570, 47.2960, 57.7563** is the 20% darker color. If you saturate the color by 10%, you get **68.4942, 68.6438, 100.0833**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

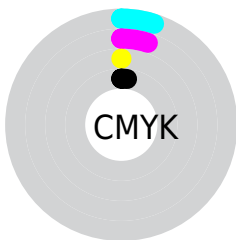
Distribution



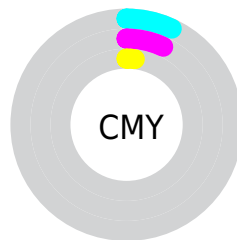
- Red (93%)
- Green (93%)
- Blue (98%)



- Red (93%)
- Yellow (93%)
- Blue (98%)



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



- Cyan (7%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0897, 86.2283, 102.7069 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 83.0897, 86.2283, 102.7069 by changing the saturation by 10% instead.

83.0897, 86.2283,
102.7069

83.0897, 86.2283,
102.7069

493.8648,
515.6837, 590.1575

62.5813, 64.8568,
77.9337

136.6290,
142.0880, 166.9564

45.7600, 47.3450,
57.5034

170.3905,
177.3450, 207.2697

32.2603, 33.3084,
40.9975

209.3006,
217.9993, 253.6001

21.7169, 22.3628,
27.9974

253.7244,
264.4353, 306.3661

13.7644, 14.1237,
18.0847

304.0274,
317.0373, 365.9863

8.0376, 8.2068,
10.8407

360.5749,

4.1710, 4.2275,

376.1898, 432.8792

5.8470

423.7322,
442.2771, 507.4635

■ 1.7993, 1.8016,
2.6850

■ 0.5173, 0.4882,
0.9359

■ 83.0897, 86.2283,
102.7069

■ 83.0897, 86.2283,
102.7069

■ 68.4942, 68.6438,
100.0833

■ 94.2556, 99.6822,
104.7166

■ 55.9827, 53.5692,
97.8331

■ 45.4624, 40.8935,
95.9409

■ 36.8307, 30.4930,
94.3883

■ 29.9758, 22.2331,
93.1553

■ 24.7741, 15.9650,
92.2196

■ 21.0863, 11.5207,
91.5561

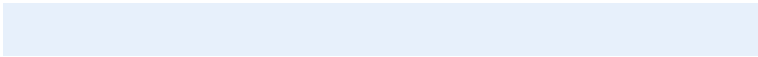
■ 18.7502, 8.7049,
91.1357

■ 17.5664, 7.2776,
90.9226

Harmonies

Analogous

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



81.4408, 86.2283, 103.2042



83.0897, 86.2283, 102.7069



84.4522, 86.2283, 99.8041

Triad

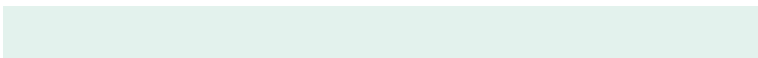
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0897, 86.2283, 102.7069



83.9979, 86.2283, 86.9904



78.8467, 86.2283, 92.4131

Complementary

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



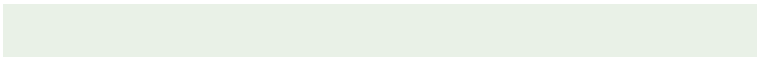
83.0897, 86.2283, 102.7069



89.0427, 94.8673, 94.5084

Split Complementary

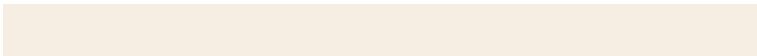
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5122, 86.2283, 88.2104



83.0897, 86.2283, 102.7069



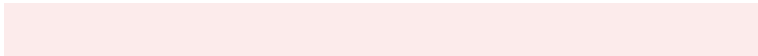
82.4762, 86.2283, 85.1500

Square

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



83.0897, 86.2283, 102.7069



84.9815, 86.2283, 90.6968



80.8355, 86.2283, 85.5889



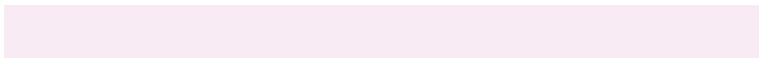
79.0059, 86.2283, 97.1531

Rectangle

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



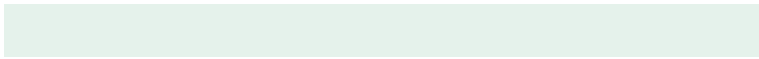
83.0897, 86.2283, 102.7069



85.0076, 86.2283, 96.9478



80.8355, 86.2283, 85.5889



78.9810, 86.2283, 90.8932

Sweetspot

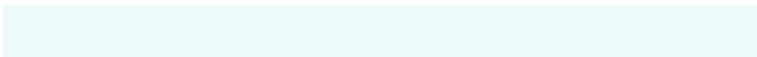
The Sweet Spot groups the original color and five complimentary colors.



83.0922, 86.2320, 102.7088



93.3102, 97.9039, 108.5871



86.6708, 93.4393, 103.7470



19.9906, 20.9775, 23.2454



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.



83.0922, 86.2320, 102.7088



84.9567, 87.8393, 107.0847



85.0700, 87.2499, 102.8010



17.1972, 17.7447, 21.9040



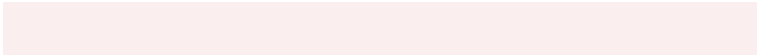
9.1534, 3.6624, 48.1980



0.8479, 0.3395, 4.4640

Inverse Universe

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



85.4334, 87.6477, 93.3081



87.9962, 89.6774, 94.8800



86.9972, 93.8145, 94.4130



17.8834, 18.1597, 19.1486



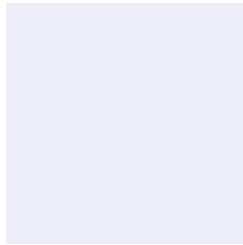
20.9122, 10.7806, 0.9804



1.9369, 0.9985, 0.0912

Previews

White Background



This preview shows how the XYZ color 83.0897, 86.2283, 102.7069 looks on a white background.

Color Contrast Check

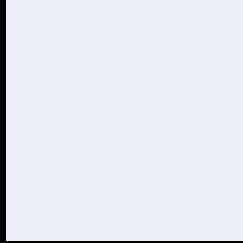
Large Text (above 18pt) WCAG AA × Fail

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 83.0897, 86.2283, 102.7069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

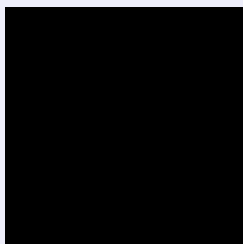
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

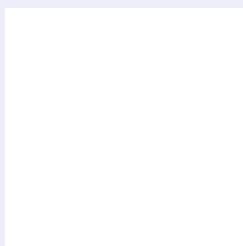
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0897, 86.2283, 102.7069

Background



This preview shows how black text looks on a background with the XYZ color 83.0897, 86.2283, 102.7069.



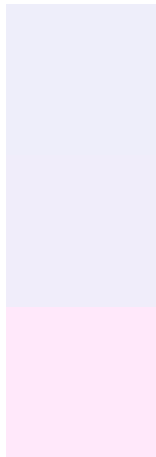
This preview shows how white text looks on a background with the XYZ color 83.0897, 86.2283,

102.7069.

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

83.0897, 86.2283, 102.7069

Protanopia

83.4747, 85.9958, 102.6417

Deuteranopia

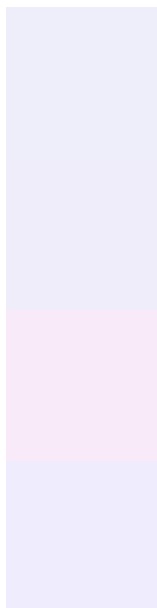
87.3519, 85.8754, 102.4141



Tritanopia

83.9308, 86.1391, 106.8106

Trichromacy



Original Color

83.0897, 86.2283, 102.7069

Protanomaly

83.1361, 85.8212, 102.6259

Deuteranomaly

85.7451, 85.8875, 102.5012

Tritanomaly

83.6104, 86.0109, 105.1235

Monochromacy



Original Color

83.0897, 86.2283, 102.7069

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.6408, 86.5548, 97.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0897, 86.2283, 102.7069 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, 238, 250) looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 250)  
}
```

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, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 250) }
```

Border

The CSS property to change the border of an element to XYZ 83.0897, 86.2283, 102.7069 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, 238, 250) }
```


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

```
.border{ border-color:rgb(238, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0897, 86.2283, 102.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 250) }
```

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

```
.background{ background-color: rgb(238,  
238, 250) }
```

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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