

Converting Colors

XYZ(82.0199, 88.4105,
102.3079)

Have a look what the booklet for
XYZ(82.0199, 88.4105, 102.3079)
contains.

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Color

**XYZ(82.0827, 88.3639,
102.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F4F9
RGB	230, 244, 249
RGB Percent	90%, 96%, 98%
CMY	0.0980, 0.0431, 0.0235
CMYK	0.08, 0.02, 0.00, 0.02
HSL	196°, 61%, 94%
HSV	196°, 8%, 98%
XYZ	82.0827, 88.3639, 102.3523
YIQ	240.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

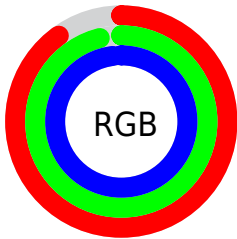
Format	Color
R _Y B	230, 238, 249
Decimal	15135993
CIE Lab	95.31, -3.65, -4.00
CIE LCh	95, 5.417, 227.571
Yxy	88.3639, 0.3009, 0.3239
Android (android.graphics.Color)	4293326073 (0xFFE6F4F9)
YUV	240.3840, 4.2477, -9.1068
Hunter-Lab	94.0021, -8.6373, 1.2447

Details

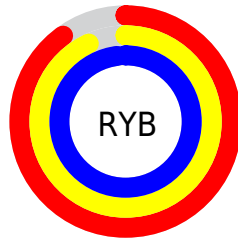
The XYZ color **82.0827, 88.3639, 102.3523** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0586, 85.2690, 86.9453**, and the grayscale version is **83.1007, 87.4284, 95.2096**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0644, 48.8154, 57.4992** is the 20% darker color. If you saturate the color by 10%, you get **72.7209, 80.6669, 101.3614**, and if you desaturate by 10%, it is **92.6610, 96.7967, 103.4238**.

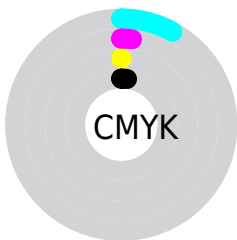
Distribution



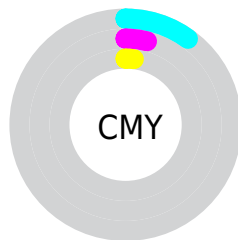
- Red (90%)
- Green (96%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0827, 88.3639, 102.3523 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 82.0827, 88.3639, 102.3523 by changing the saturation by 10% instead.

82.0827, 88.3639,
102.3523

82.0827, 88.3639,
102.3523

490.5546,
522.6942, 589.0193

61.7480, 66.6245,
77.6387

135.2252,
145.0637, 166.4660

45.0840, 48.7795,
57.2625

168.7637,
180.7928, 206.7032

31.7251, 34.4446,
40.8053

207.4343,
221.9540, 252.9521

21.3062, 23.2354,
27.8484

251.6022,
268.9316, 305.6310

13.4617, 14.7674,
17.9734

301.6328,
322.1100, 365.1587

7.8264, 8.6563,
10.7616

357.8915,

4.0350, 4.5177,

381.8737, 431.9536

5.7946

420.7437,
448.6069, 506.4343

■ 1.7219, 1.9672,
2.6539

■ 0.4699, 0.5883,
0.9201

■ 82.0827, 88.3639,
102.3523

■ 82.0827, 88.3639,
102.3523

■ 72.7209, 80.6669,
101.3614

■ 92.6610, 96.7967,
103.4238

■ 64.5192, 73.6684,
100.4429

■ 94.0992, 99.6197,
103.8929

■ 57.4276, 67.3440,
99.5959

■ 51.3899, 61.6636,
98.8177

■ 46.3443, 56.5941,
98.1051

■ 42.2223, 52.0992,
97.4548

■ 38.9463, 48.1378,
96.8628

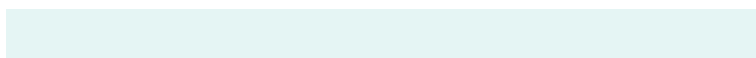
■ 36.4250, 44.6614,
96.3247

■ 34.5375, 41.6067,
95.8345

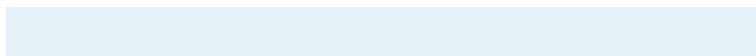
Harmonies

Analogous

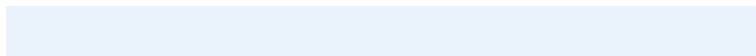
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3045, 88.3639, 98.6935



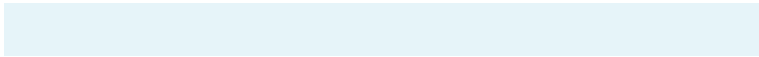
82.0827, 88.3639, 102.3523



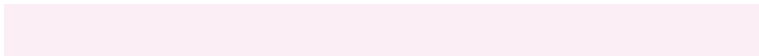
83.3765, 88.3639, 104.3900

Triad

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



82.0827, 88.3639, 102.3523



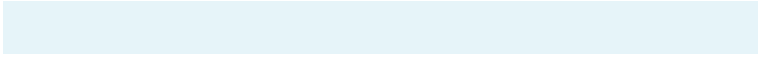
86.7958, 88.3639, 97.9773



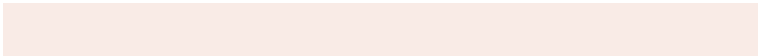
83.1315, 88.3639, 88.6540

Complementary

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



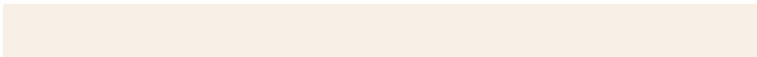
82.0827, 88.3639, 102.3523



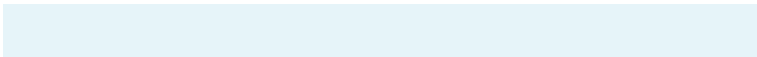
83.0586, 85.2690, 86.9453

Split Complementary

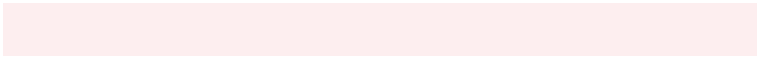
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6010, 88.3639, 88.4751



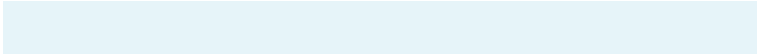
82.0827, 88.3639, 102.3523



86.7283, 88.3639, 93.7749

Square

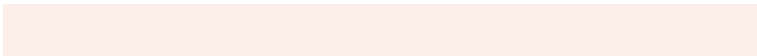
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



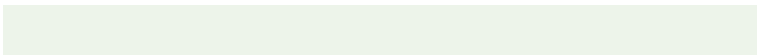
82.0827, 88.3639, 102.3523



86.1043, 88.3639, 101.8148



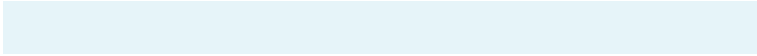
85.9210, 88.3639, 90.3248



81.9051, 88.3639, 90.8211

Rectangle

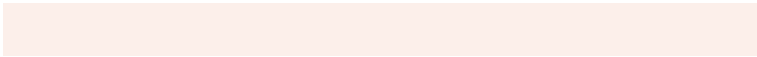
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0827, 88.3639, 102.3523



84.3625, 88.3639, 104.5167



85.9210, 88.3639, 90.3248



83.6130, 88.3639, 88.3617

Sweetspot

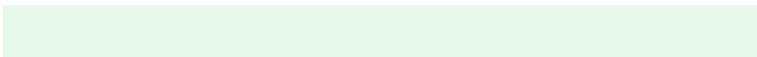
The Sweet Spot groups the original color and five complimentary colors.



82.0852, 88.3676, 102.3543



92.7722, 98.1928, 108.6712



81.4696, 90.5596, 91.5953



19.8810, 21.0363, 23.2625



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.



82.0852, 88.3676, 102.3543



85.2098, 92.1139, 107.8965



79.3703, 82.9377, 101.4493



17.3570, 18.7908, 22.0975



18.3967, 22.1490, 51.2791



1.7902, 2.2240, 4.7781

Inverse Universe

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



83.6949, 83.2668, 97.2532



87.2041, 85.8387, 101.5662



85.7773, 90.7063, 87.8515



17.7867, 17.4420, 20.7327



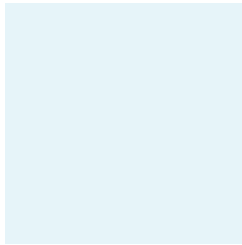
25.5778, 12.6469, 25.5491



2.4125, 1.1887, 2.5957

Previews

White Background



This preview shows how the XYZ color 82.0827, 88.3639, 102.3523 looks on a white background.

Color Contrast Check

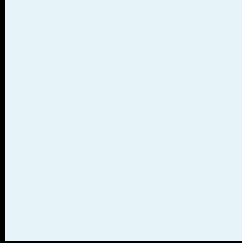
Large Text (above 18pt) WCAG AA × Fail

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 82.0827, 88.3639, 102.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

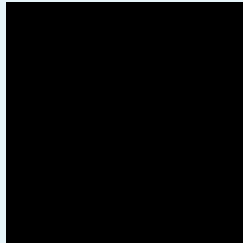
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

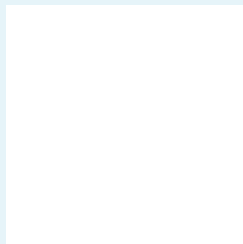
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0827, 88.3639, 102.3523

Background



This preview shows how black text looks on a background with the XYZ color 82.0827, 88.3639, 102.3523.

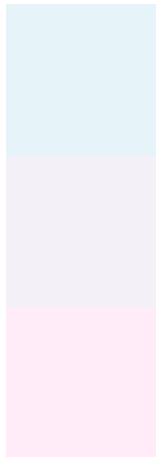


This preview shows how white text looks on a background with the XYZ color 82.0827, 88.3639,

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

82.0827, 88.3639, 102.3523

Protanopia

85.2568, 88.2687, 100.5397

Deuteranopia

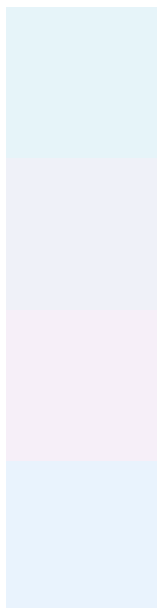
88.1787, 88.0282, 101.1506



Tritanopia

84.0631, 88.3864, 107.2374

Trichromacy



Original Color

82.0827, 88.3639, 102.3523

Protanomaly

83.9952, 88.0386, 101.3731

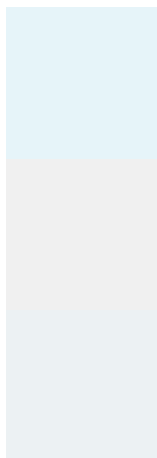
Deuteranomaly

85.8158, 88.1031, 101.2896

Tritanomaly

83.3845, 88.5167, 105.6191

Monochromacy



Original Color

82.0827, 88.3639, 102.3523

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2250, 87.2145, 97.2944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0827, 88.3639, 102.3523 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(230, 244, 249) looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 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(230, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.0827, 88.3639, 102.3523 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(230, 244, 249) }
```


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

```
.border{ border-color:rgb(230, 244, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 244, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0827, 88.3639, 102.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 249) }
```

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

```
.background{ background-color: rgb(230,  
244, 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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