

Converting Colors

XYZ(81.4037, 88.3981,
106.3468)

Have a look what the booklet for
XYZ(81.4037, 88.3981, 106.3468)
contains.

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Color

**XYZ(81.2823, 88.3079,
106.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F5FE
RGB	224, 245, 254
RGB Percent	88%, 96%, 100%
CMY	0.1216, 0.0392, 0.0039
CMYK	0.12, 0.04, 0.00, 0.00
HSL	198°, 94%, 94%
HSV	198°, 12%, 100%
XYZ	81.2823, 88.3079, 106.5270
YIQ	239.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

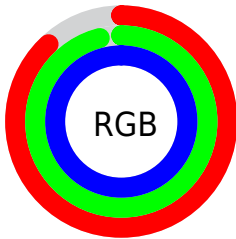
Format	Color
R_{YB}	224, 236, 254
Decimal	14743038
CIE _{Lab}	95.29, -5.11, -6.67
CIE _{LCh}	95, 8.397, 232.553
Yxy	88.3079, 0.2944, 0.3198
Android (android.graphics.Color)	4292933118 (0xFFE0F5FE)
YUV	239.7470, 7.0267, -13.8101
Hunter-Lab	93.9723, -10.0561, -1.4306

Details

The XYZ color **81.2823, 88.3079, 106.5270** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.4670, 84.7301, 82.4780**, and the grayscale version is **82.5842, 86.8850, 94.6178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6378, 48.8614, 59.9019** is the 20% darker color. If you saturate the color by 10%, you get **71.7341, 80.0371, 105.4352**, and if you desaturate by 10%, it is **92.1064, 97.3820, 107.7094**.

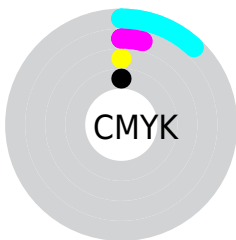
Distribution



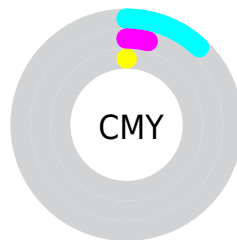
- Red (88%)
- Green (96%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2823, 88.3079, 106.5270 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 81.2823, 88.3079, 106.5270 by changing the saturation by 10% instead.

81.2823, 88.3079,
106.5270

81.2823, 88.3079,
106.5270

487.9148,
522.5110, 602.3467

61.0862, 66.5781,
81.1154

134.1082,
144.9857, 172.2281

44.5476, 48.7418,
60.1051

167.4687,
180.7026, 213.3546

31.3010, 34.4147,
43.0775

205.9480,
221.8505, 260.5566

20.9811, 23.2124,
29.6141

249.9115,
268.8140, 314.2526

13.2226, 14.7504,
19.2963

299.7246,
321.9774, 374.8610

7.6600, 8.6444,
11.7056

355.7526,

3.9282, 4.5100,

381.7251, 442.8005

6.4234

418.3609,
448.4415, 518.4896

■ 1.6616, 1.9627,
3.0313

■ 0.4320, 0.5857,
1.1106

■ 81.2823, 88.3079,
106.5270

■ 81.2823, 88.3079,
106.5270

■ 71.7341, 80.0371,
105.4352

■ 92.1064, 97.3820,
107.7094

■ 63.4011, 72.5295,
104.4253

94.8897, 99.9359,
108.0556

■ 56.2288, 65.7578,
103.4962

■ 50.1554, 59.6883,
102.6448

■ 45.1131, 54.2843,
101.8675

■ 41.0257, 49.5048,
101.1604

■ 37.8062, 45.3029,
100.5190

■ 35.3495, 41.6228,
99.9382

■ 33.7765, 38.9295,
99.5012

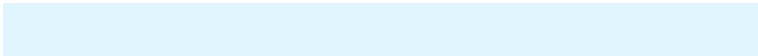
Harmonies

Analogous

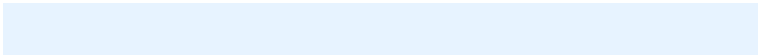
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9286, 88.3079, 101.0759



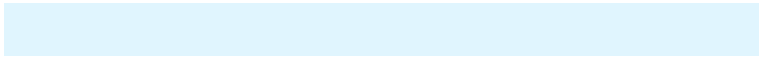
81.2823, 88.3079, 106.5270



83.3640, 88.3079, 109.2209

Triad

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



81.2823, 88.3079, 106.5270



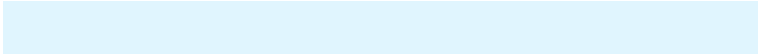
88.3811, 88.3079, 97.7977



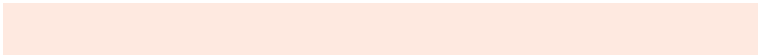
82.2547, 88.3079, 84.9586

Complementary

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



81.2823, 88.3079, 106.5270



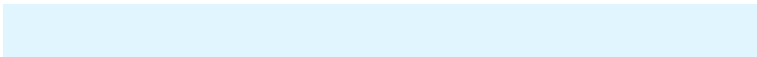
83.4670, 84.7301, 82.4780

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.



84.5066, 88.3079, 84.1701



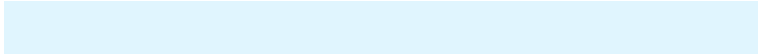
81.2823, 88.3079, 106.5270



88.0710, 88.3079, 91.3913

Square

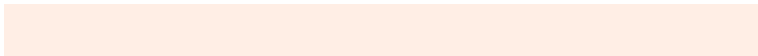
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2823, 88.3079, 106.5270



87.4824, 88.3079, 104.0341



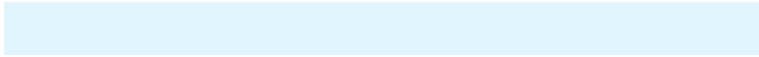
86.6428, 88.3079, 86.4740



80.4829, 88.3079, 88.6790

Rectangle

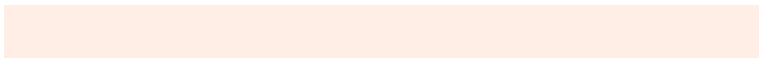
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2823, 88.3079, 106.5270



84.8957, 88.3079, 109.0084



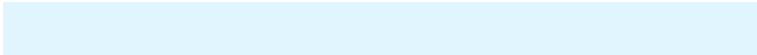
86.6428, 88.3079, 86.4740



82.9796, 88.3079, 84.3489

Sweetspot

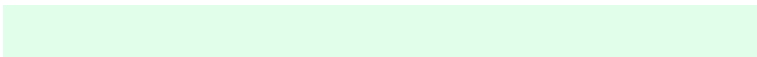
The Sweet Spot groups the original color and five complimentary colors.



81.2849, 88.3116, 106.5290



90.4284, 96.1804, 108.4063



80.8204, 92.5871, 90.3298



19.1744, 20.4360, 23.1839



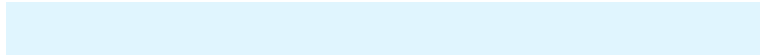
0.0000, 0.0000, 0.0000



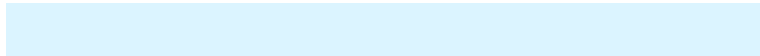
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2849, 88.3116, 106.5290



79.7930, 87.2052, 107.2345



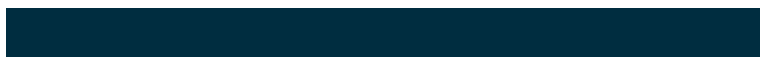
77.0676, 79.8771, 105.1232



18.0680, 19.5076, 23.0630



17.9425, 20.7945, 52.5027



1.8427, 2.2162, 5.1439

Inverse Universe

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



84.0122, 80.9766, 97.5926



83.0237, 78.6293, 96.6235



87.7429, 93.2819, 83.9033



18.5470, 18.2021, 21.4975



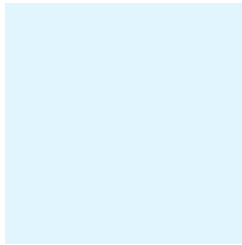
25.8447, 12.8272, 23.6305



2.5647, 1.2683, 2.5553

Previews

White Background



This preview shows how the XYZ color 81.2823, 88.3079, 106.5270 looks on a white background.

Color Contrast Check

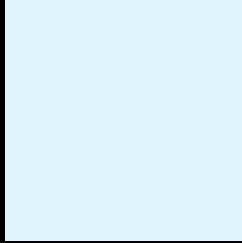
Large Text (above 18pt) WCAG AA × Fail

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 81.2823, 88.3079, 106.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

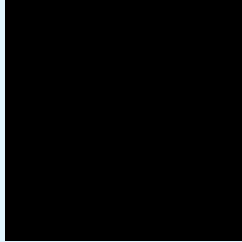
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2823, 88.3079, 106.5270

Background



This preview shows how black text looks on a background with the XYZ color 81.2823, 88.3079, 106.5270.



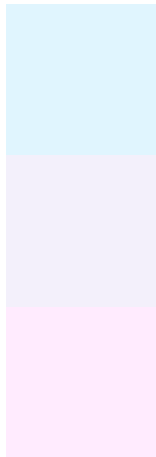
This preview shows how white text looks on a background with the XYZ color 81.2823, 88.3079,

106.5270.

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

81.2823, 88.3079, 106.5270

Protanopia

85.5348, 88.3399, 103.8099

Deuteranopia

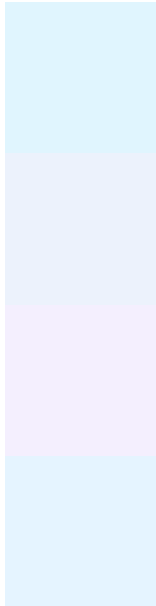
88.8377, 87.8324, 106.0370



Tritanopia

83.3793, 88.4770, 107.2909

Trichromacy



Original Color

81.2823, 88.3079, 106.5270

Protanomaly

83.9149, 88.3654, 104.7289

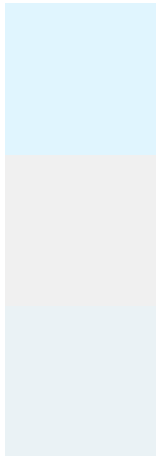
Deuteranomaly

86.0641, 88.1219, 106.2391

Tritanomaly

82.7138, 88.5794, 107.3458

Monochromacy



Original Color

81.2823, 88.3079, 106.5270

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1652, 87.5893, 98.9620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2823, 88.3079, 106.5270 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(224, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(224, 245, 254)  
}
```

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(224, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 245, 254) }
```

Border

The CSS property to change the border of an element to XYZ 81.2823, 88.3079, 106.5270 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(224, 245, 254) }
```


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

```
.border{ border-color:rgb(224, 245, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 245, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(224, 245,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2823, 88.3079, 106.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 245, 254) }
```

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

```
.background{ background-color: rgb(224,  
245, 254) }
```

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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