

Converting Colors

XYZ(73.0899, 78.8882,
103.1281)

Have a look what the booklet for
XYZ(73.0899, 78.8882, 103.1281)
contains.

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Color

**XYZ(73.2879, 79.0077,
103.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E9FC
RGB	210, 233, 252
RGB Percent	82%, 91%, 99%
CMY	0.1765, 0.0863, 0.0118
CMYK	0.17, 0.08, 0.00, 0.01
HSL	207°, 88%, 91%
HSV	207°, 17%, 99%
XYZ	73.2879, 79.0077, 103.4828
YIQ	228.2890, -19.8070, 1.0330

Conversions

Conversions Part 2

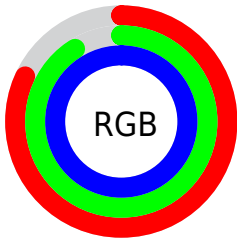
Format	Color
R _{YB}	210, 225, 252
Decimal	13822460
CIE _{Lab}	91.24, -3.74, -11.74
CIE _{LCh}	91, 12.325, 252.351
Yxy	79.0077, 0.2865, 0.3089
Android (android.graphics.Color)	4292012540 (0xFFD2E9FC)
YUV	228.2890, 11.6895, -16.0395
Hunter-Lab	88.8863, -8.3754, -6.8060

Details

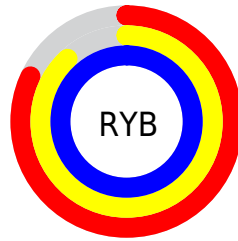
The XYZ color **73.2879, 79.0077, 103.4828** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.7976, 81.3871, 72.4778**, and the grayscale version is **73.8837, 77.7314, 84.6495**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0900, 42.3530, 57.7444** is the 20% darker color. If you saturate the color by 10%, you get **63.5477, 69.3519, 102.1337**, and if you desaturate by 10%, it is **84.3709, 89.6693, 104.9578**.

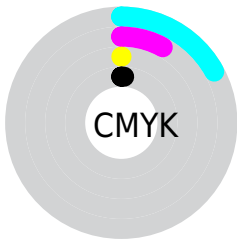
Distribution



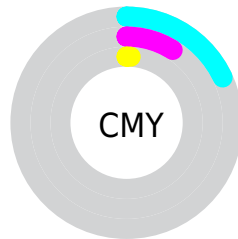
- Red (82%)
- Green (91%)
- Blue (99%)



- Red (82%)
- Yellow (88%)
- Blue (99%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2879, 79.0077, 103.4828 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 73.2879, 79.0077, 103.4828 by changing the saturation by 10% instead.

■ 73.2879, 79.0077,
103.4828

■ 73.2879, 79.0077,
103.4828

461.1004,
491.5824, 592.6438

■ 54.5006, 58.9021,
78.5793

122.8868,
131.9697, 168.0286

■ 39.2343, 42.5343,
58.0307

154.4291,
165.5949, 208.5081

■ 27.1236, 29.5199,
41.4185

190.9537,
204.4955, 255.0166

■ 17.8031, 19.4745,
28.3241

232.8262,
249.0558, 307.9727

■ 10.9076, 12.0136,
18.3289

280.4117,
299.6603, 367.7949

■ 6.0715, 6.7530,
11.0145

334.0757,

■ 2.9297, 3.3081,

356.6933, 434.9018

5.9623

394.1834,
420.5392, 509.7119

■ 1.1167, 1.2946,
2.7538

■ 0.0390, 0.1370,
0.9703

■ 73.2879, 79.0077,
103.4828

■ 73.2879, 79.0077,
103.4828

■ 63.5477, 69.3519,
102.1337

■ 84.3709, 89.6693,
104.9578

■ 55.0868, 60.6571,
100.9014

94.5709, 99.8084,
106.3773

■ 47.8464, 52.8893,
99.7836

■ 41.7603, 46.0080,
98.7762

■ 36.7552, 39.9692,
97.8744

■ 32.7486, 34.7238,
97.0731

■ 29.6443, 30.2153,
96.3664

■ 27.3221, 26.3747,
95.7475

■ 26.6621, 25.2107,
95.5577

Harmonies

Analogous

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



70.7421, 79.0077, 98.1434



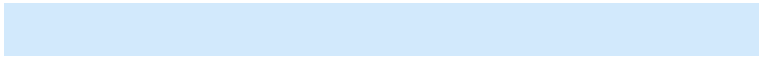
73.2879, 79.0077, 103.4828



76.3866, 79.0077, 103.9491

Triad

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



73.2879, 79.0077, 103.4828



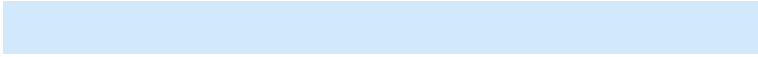
81.1165, 79.0077, 82.3985



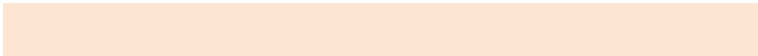
71.1201, 79.0077, 73.9282

Complementary

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



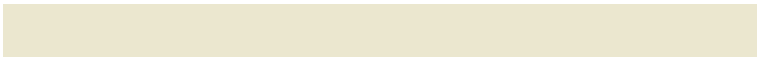
73.2879, 79.0077, 103.4828



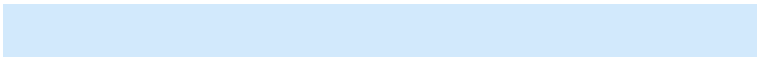
79.7976, 81.3871, 72.4778

Split Complementary

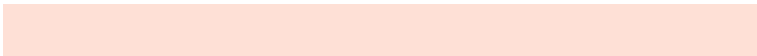
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8169, 79.0077, 70.2914



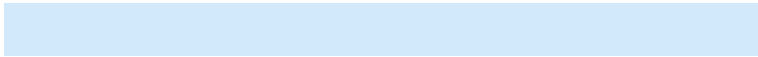
73.2879, 79.0077, 103.4828



79.6218, 79.0077, 74.9494

Square

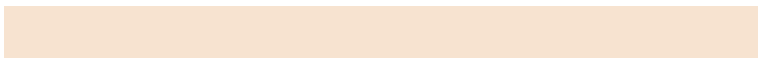
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2879, 79.0077, 103.4828



80.9652, 79.0077, 91.3480



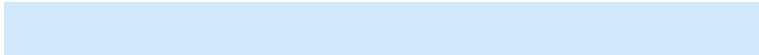
76.9304, 79.0077, 70.6518



69.5145, 79.0077, 80.9148

Rectangle

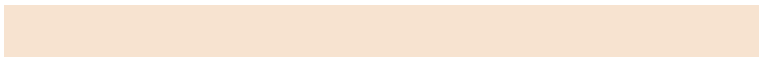
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



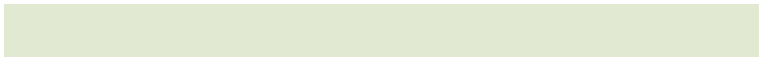
73.2879, 79.0077, 103.4828



78.3548, 79.0077, 101.3928



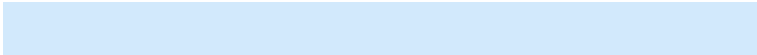
76.9304, 79.0077, 70.6518



71.9258, 79.0077, 72.2959

Sweetspot

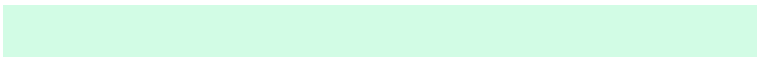
The Sweet Spot groups the original color and five complimentary colors.



73.2903, 79.0110, 103.4846



88.7016, 94.0370, 108.0836



75.5191, 88.9754, 87.2507



18.8010, 19.9530, 23.1103



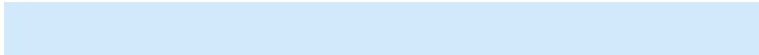
0.0000, 0.0000, 0.0000



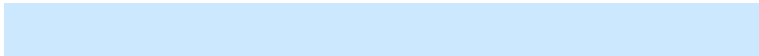
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2903, 79.0110, 103.4846



71.7894, 77.7324, 105.8279



67.7190, 67.8685, 101.6275



17.0710, 18.2188, 22.0021



14.0378, 13.4312, 49.8262



1.4061, 1.4558, 4.6501

Inverse Universe

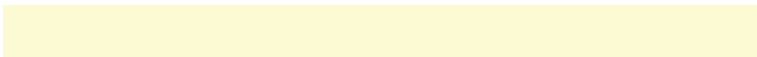
The Inverse Universe completely reimagines the original color for something new.



77.9013, 72.6736, 87.0160



77.3887, 70.2681, 85.7777



85.9336, 93.6591, 74.5231



17.6424, 17.3843, 19.9725



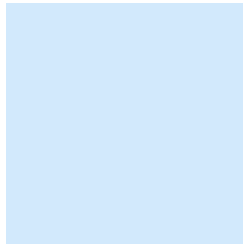
23.3777, 11.7668, 13.9631



2.2186, 1.1112, 1.5748

Previews

White Background



This preview shows how the XYZ color 73.2879, 79.0077, 103.4828 looks on a white background.

Color Contrast Check

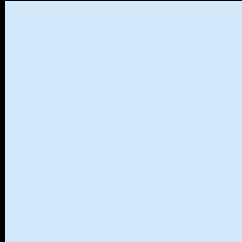
Large Text (above 18pt) WCAG AA × Fail

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 73.2879, 79.0077, 103.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

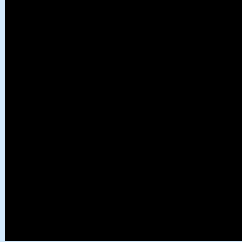
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

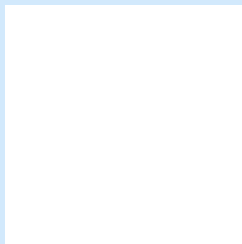
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2879, 79.0077, 103.4828

Background



This preview shows how black text looks on a background with the XYZ color 73.2879, 79.0077, 103.4828.

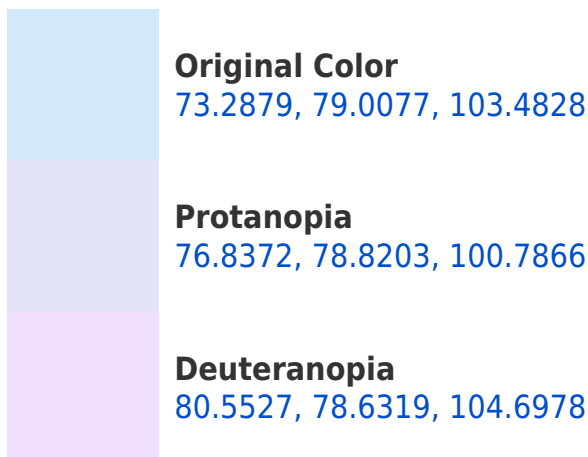


This preview shows how white text looks on a background with the XYZ color 73.2879, 79.0077,

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

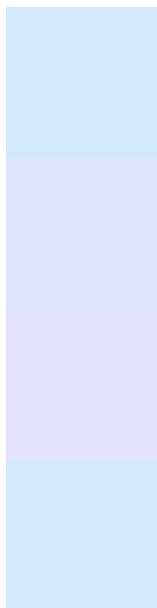




Tritanopia

73.2879, 79.0077, 103.4828

Trichromacy



Original Color

73.2879, 79.0077, 103.4828

Protanomaly

75.3709, 78.8679, 101.6930

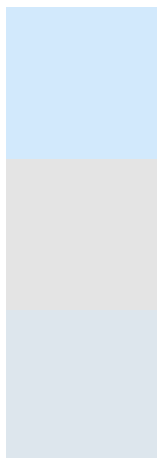
Deuteranomaly

77.8318, 78.8530, 104.0465

Tritanomaly

73.2879, 79.0077, 103.4828

Monochromacy



Original Color

73.2879, 79.0077, 103.4828

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4017, 78.0802, 91.3231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2879, 79.0077, 103.4828 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(210, 233, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 233, 252)  
}
```

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(210, 233, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 233, 252) }
```

Border

The CSS property to change the border of an element to XYZ 73.2879, 79.0077, 103.4828 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(210, 233, 252) }
```


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

```
.border{ border-color:rgb(210, 233, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 233, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 233, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 233, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 233,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2879, 79.0077, 103.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 233, 252) }
```

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

```
.background{ background-color: rgb(210,  
233, 252) }
```

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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