

Converting Colors

XYZ(77.6289, 89.2879,
102.8597)

Have a look what the booklet for
XYZ(77.6289, 89.2879, 102.8597)
contains.

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Color

**XYZ(77.6085, 89.2438,
102.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FBF9
RGB	208, 251, 249
RGB Percent	82%, 98%, 98%
CMY	0.1843, 0.0157, 0.0235
CMYK	0.17, 0.00, 0.01, 0.02
HSL	177°, 84%, 90%
HSV	177°, 17%, 98%
XYZ	77.6085, 89.2438, 102.7579
YIQ	237.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

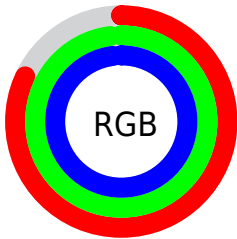
Format	Color
R _Y B	208, 230, 251
Decimal	13695993
CIE Lab	95.68, -14.06, -3.62
CIE LCh	96, 14.514, 194.449
Yxy	89.2438, 0.2879, 0.3310
Android (android.graphics.Color)	4291886073 (0xFFD0FBF9)
YUV	237.9150, 5.4649, -26.2355
Hunter-Lab	94.4689, -18.6786, 1.6360

Details

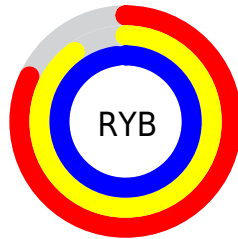
The XYZ color **77.6085, 89.2438, 102.7579** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9756, 70.2766, 70.6424**, and the grayscale version is **81.1773, 85.4048, 93.0059**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0543, 49.2061, 57.7333** is the 20% darker color. If you saturate the color by 10%, you get **70.9212, 85.8197, 101.4976**, and if you desaturate by 10%, it is **85.4189, 93.2514, 104.0805**.

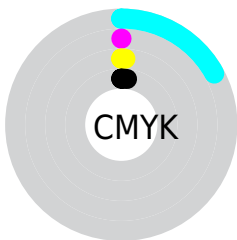
Distribution



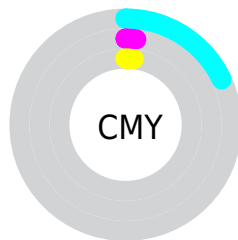
- Red (82%)
- Green (98%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6085, 89.2438, 102.7579 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 77.6085, 89.2438, 102.7579 by changing the saturation by 10% instead.

77.6085, 89.2438,
102.7579

77.6085, 89.2438,
102.7579

475.6964,
525.5679, 590.3211

58.0541, 67.3536,
77.9761

128.9664,
146.2876, 167.0269

42.0956, 49.3721,
57.5380

161.5006,
182.2099, 207.3511

29.3676, 34.9147,
41.0251

199.0920,
223.5785, 253.6932

19.5047, 23.5972,
28.0189

242.1062,
270.7776, 306.4718

12.1417, 15.0351,
18.1007

290.9083,
324.1917, 366.1053

6.9132, 8.8440,
10.8521

345.8638,

3.4537, 4.6396,

384.2052, 433.0123

5.8546

407.3381,
451.2025, 507.6114

■ 1.3980, 2.0374,
2.6895

■ 0.2548, 0.6291,
0.9381

■ 77.6085, 89.2438,
102.7579

■ 77.6085, 89.2438,
102.7579

■ 70.9212, 85.8197,
101.4976

■ 85.4189, 93.2514,
104.0805

■ 65.2968, 82.9412,
100.2910

■ 93.2051, 97.2441,
105.4060

■ 60.6814, 80.5826,
99.1376

■ 93.3904, 97.3182,
106.3817

■ 57.0131, 78.7121,
98.0344

■ 93.5768, 97.3928,
107.3635

■ 54.2232, 77.2943,
96.9782

■ 93.7644, 97.4678,
108.3512

■ 52.2338, 76.2891,
95.9653

■ 93.7888, 97.4776,
108.4796

■ 50.9535, 75.6493,
94.9914

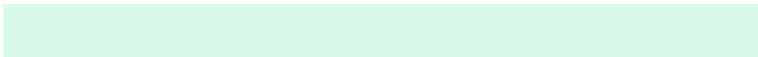
■ 50.2646, 75.3143,
94.0511

■ 50.1248, 75.2480,
93.7853

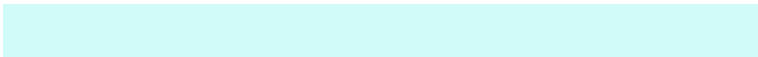
Harmonies

Analogous

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



77.6445, 89.2438, 91.3985



77.6085, 89.2438, 102.7579



79.4634, 89.2438, 113.3854

Triad

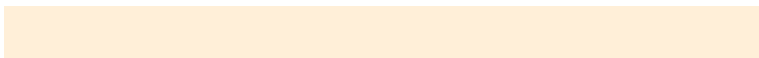
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6085, 89.2438, 102.7579



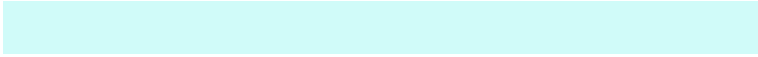
90.3107, 89.2438, 113.7170



86.8972, 89.2438, 77.5022

Complementary

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



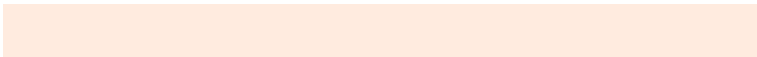
77.6085, 89.2438, 102.7579



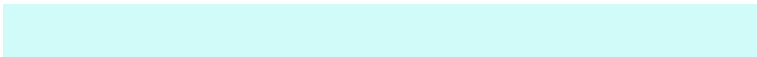
73.9756, 70.2766, 70.6424

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.



90.4195, 89.2438, 82.5817



77.6085, 89.2438, 102.7579



92.4320, 89.2438, 103.1822

Square

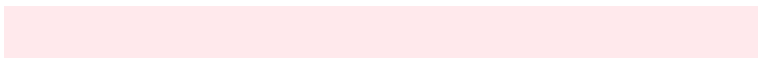
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6085, 89.2438, 102.7579



86.7524, 89.2438, 120.0409



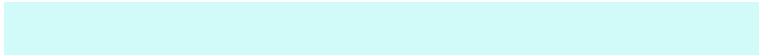
92.4725, 89.2438, 91.7910



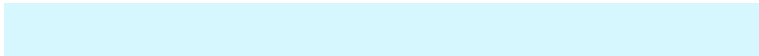
82.9235, 89.2438, 77.4081

Rectangle

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



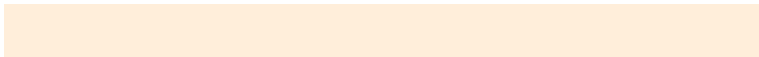
77.6085, 89.2438, 102.7579



81.5571, 89.2438, 118.3747



92.4725, 89.2438, 91.7910



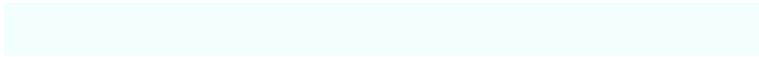
88.1761, 89.2438, 78.6643

Sweetspot

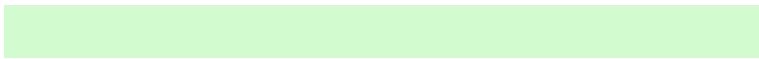
The Sweet Spot groups the original color and five complimentary colors.



77.6111, 89.2475, 102.7599



90.4183, 97.6233, 108.1848



72.5061, 87.2758, 72.7006



19.2192, 20.8266, 23.1348



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

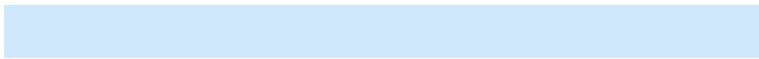
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6111, 89.2475, 102.7599



77.6194, 91.0603, 106.0012



72.1858, 77.8942, 102.5015



17.7288, 19.5938, 22.0386



26.3621, 39.5578, 49.3774



2.4521, 3.6679, 4.6284

Inverse Universe

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



73.9756, 70.2766, 70.6424



73.1242, 67.6004, 66.2861



78.7369, 80.1962, 71.0057



17.2774, 17.2383, 18.0505



20.9601, 10.7998, 1.2323



1.9524, 1.0047, 0.1729

Previews

White Background



This preview shows how the XYZ color 77.6085, 89.2438, 102.7579 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 77.6085, 89.2438, 102.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

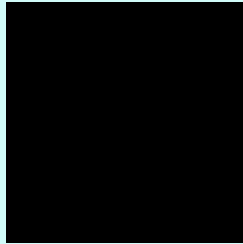
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

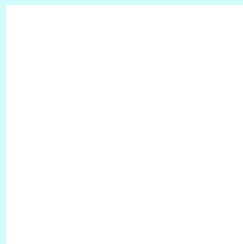
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6085, 89.2438, 102.7579

Background



This preview shows how black text looks on a background with the XYZ color 77.6085, 89.2438, 102.7579.

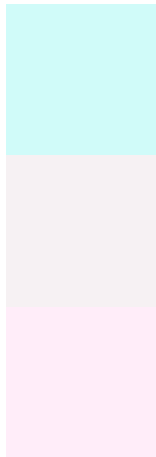


This preview shows how white text looks on a background with the XYZ color 77.6085, 89.2438,

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

77.6085, 89.2438, 102.7579

Protanopia

85.6390, 88.9745, 97.4542

Deuteranopia

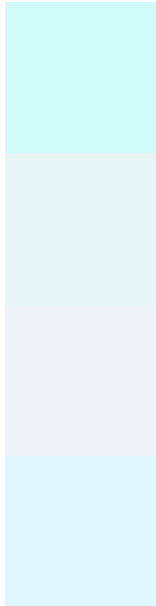
88.6231, 88.6679, 102.0662



Tritanopia

82.6973, 89.0188, 107.4315

Trichromacy



Original Color

77.6085, 89.2438, 102.7579

Protanomaly

82.4125, 89.0532, 99.2316

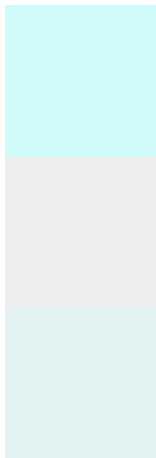
Deuteranomaly

84.1109, 88.5210, 102.2757

Tritanomaly

80.8092, 88.9855, 105.8453

Monochromacy



Original Color

77.6085, 89.2438, 102.7579

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.7562, 86.8429, 96.5632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6085, 89.2438, 102.7579 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(208, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 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(208, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 249) }
```

Border

The CSS property to change the border of an element to XYZ 77.6085, 89.2438, 102.7579 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(208, 251, 249) }
```


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

```
.border{ border-color:rgb(208, 251, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 251, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6085, 89.2438, 102.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 249) }
```

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

```
.background{ background-color: rgb(208,  
251, 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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