

Converting Colors

XYZ(77.3883, 88.3352,
101.7007)

Have a look what the booklet for
XYZ(77.3883, 88.3352, 101.7007)
contains.

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Color

**XYZ(77.3973, 88.2303,
101.7578)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F9F8
RGB	210, 249, 248
RGB Percent	82%, 98%, 97%
CMY	0.1765, 0.0235, 0.0274
CMYK	0.16, 0.00, 0.00, 0.02
HSL	178°, 76%, 90%
HSV	178°, 16%, 98%
XYZ	77.3973, 88.2303, 101.7578
YIQ	237.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

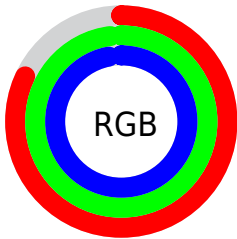
Format	Color
R _Y B	210, 230, 249
Decimal	13826552
CIE Lab	95.26, -12.65, -3.71
CIE LCh	95, 13.185, 196.365
Yxy	88.2303, 0.2895, 0.3300
Android (android.graphics.Color)	4292016632 (0xFFD2F9F8)
YUV	237.2250, 5.3121, -23.8763
Hunter-Lab	93.9310, -17.2987, 1.5213

Details

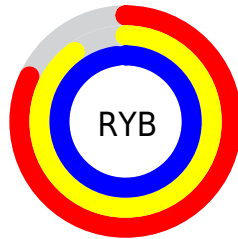
The XYZ color **77.3973, 88.2303, 101.7578** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8746, 70.9385, 71.4308**, and the grayscale version is **80.6446, 84.8444, 92.3956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1020, 48.9143, 57.0916** is the 20% darker color. If you saturate the color by 10%, you get **70.7537, 84.8192, 100.9307**, and if you desaturate by 10%, it is **85.1493, 92.2174, 102.6422**.

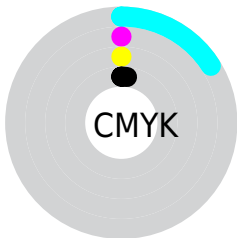
Distribution



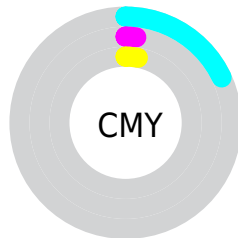
- Red (82%)
- Green (98%)
- Blue (97%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3973, 88.2303, 101.7578 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 77.3973, 88.2303, 101.7578 by changing the saturation by 10% instead.

77.3973, 88.2303,
101.7578

77.3973, 88.2303,
101.7578

474.9888,
522.2571, 587.1085

57.8801, 66.5138,
77.1443

128.6700,
144.8777, 165.6436

41.9551, 48.6896,
56.8591

161.1562,
180.5775, 205.7530

29.2571, 34.3733,
40.4835

198.6962,
221.7071, 251.8648

19.4207, 23.1806,
27.5991

241.6551,
268.6510, 304.3975

12.0804, 14.7269,
17.7872

290.3985,
321.7935, 363.7697

6.8711, 8.6279,
10.6295

345.2917,

3.4272, 4.4993,

381.5192, 430.3999

5.7073

406.7000,
448.2122, 504.7067

■ 1.3835, 1.9566,
2.6020

■ 0.2444, 0.5821,
0.8935

■ 77.3973, 88.2303,
101.7578

■ 77.3973, 88.2303,
101.7578

■ 70.7537, 84.8192,
100.9307

■ 85.1493, 92.2174,
102.6422

■ 65.1602, 81.9471,
100.1528


■ 92.2603, 95.8718,
103.4966


■ 60.5642, 79.5892,
99.4232


■ 92.3606, 95.9119,
104.0246

■ 56.9062, 77.7147,
98.7393


■ 92.4612, 95.9521,
104.5544


 54.1198, 76.2896,
98.0980


 92.5622, 95.9925,
105.0860


 52.1303, 75.2752,
97.4958


 92.6635, 96.0330,
105.6194


 50.8503, 74.6266,
96.9285

 92.7651, 96.0737,
106.1547

 50.1717, 74.2879,
96.3911

 92.8671, 96.1145,
106.6917

 49.9944, 74.2014,
96.1641

 92.9694, 96.1554,
107.2305

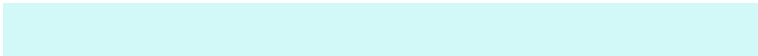
Harmonies

Analogous

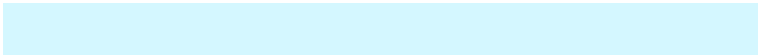
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3165, 88.2303, 91.4733



77.3973, 88.2303, 101.7578



79.1773, 88.2303, 111.1295

Triad

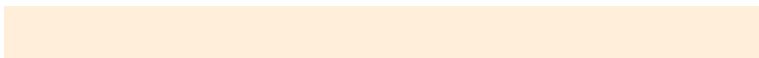
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3973, 88.2303, 101.7578



88.9665, 88.2303, 110.3958



85.5014, 88.2303, 78.0744

Complementary

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



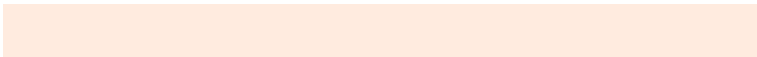
77.3973, 88.2303, 101.7578



73.8746, 70.9385, 71.4308

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.



88.7243, 88.2303, 82.4325



77.3973, 88.2303, 101.7578



90.7632, 88.2303, 100.8136

Square

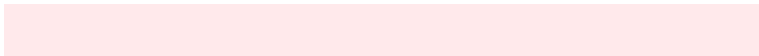
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3973, 88.2303, 101.7578



85.8242, 88.2303, 116.3552



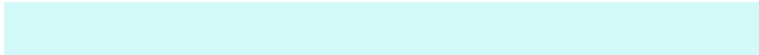
90.6733, 88.2303, 90.5940



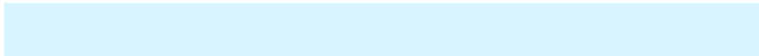
81.9265, 88.2303, 78.2873

Rectangle

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



77.3973, 88.2303, 101.7578



81.1177, 88.2303, 115.3817



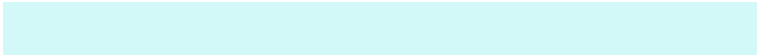
90.6733, 88.2303, 90.5940



86.6639, 88.2303, 79.0392

Sweetspot

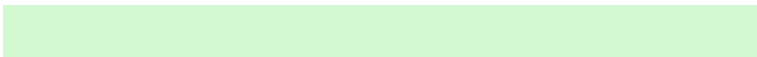
The Sweet Spot groups the original color and five complimentary colors.



77.3998, 88.2340, 101.7598



90.4610, 97.6404, 108.4098



72.4612, 86.3014, 73.8131



19.2296, 20.8308, 23.1897



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

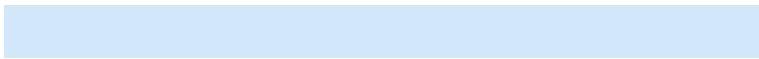
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3998, 88.2340, 101.7598



79.2165, 91.8606, 107.1148



72.1998, 77.5840, 100.7966



17.7454, 19.6004, 22.1258



26.7686, 39.7205, 51.5184



2.4852, 3.6812, 4.8028

Inverse Universe

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



73.8746, 70.9385, 71.4308



74.8041, 70.2120, 69.1530



78.5014, 80.3929, 72.3543



17.2627, 17.2324, 17.9732



20.9385, 10.7911, 1.1187



1.9454, 1.0019, 0.1361

Previews

White Background



This preview shows how the XYZ color 77.3973, 88.2303, 101.7578 looks on a white background.

Color Contrast Check

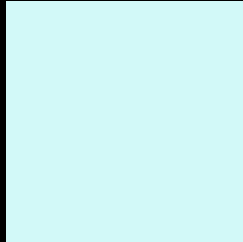
Large Text (above 18pt) WCAG AA × Fail

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 77.3973, 88.2303, 101.7578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

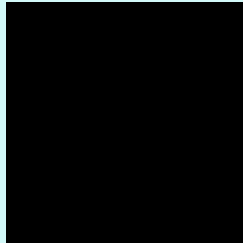
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3973, 88.2303, 101.7578

Background



This preview shows how black text looks on a background with the XYZ color 77.3973, 88.2303, 101.7578.



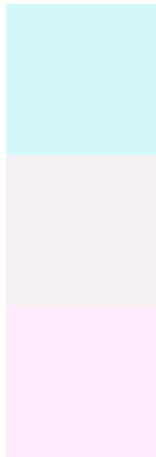
This preview shows how white text looks on a background with the XYZ color 77.3973, 88.2303,

101.7578.

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

77.3973, 88.2303, 101.7578

Protanopia

84.6460, 88.0243, 97.3231

Deuteranopia

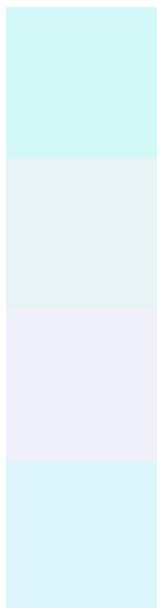
88.0472, 87.5162, 101.8743



Tritanopia

81.7647, 88.0901, 107.3014

Trichromacy



Original Color

77.3973, 88.2303, 101.7578

Protanomaly

81.8107, 87.8496, 99.0310

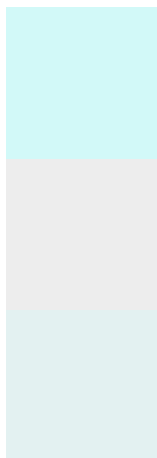
Deuteranomaly

83.8556, 87.5105, 102.0941

Tritanomaly

80.0417, 88.1555, 104.8925

Monochromacy



Original Color

77.3973, 88.2303, 101.7578

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.0110, 85.5924, 95.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3973, 88.2303, 101.7578 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, 249, 248)` looks like.

```
.text, #text, p{  
    color:rgb(210, 249, 248)  
}
```

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, 249, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 249, 248) }
```

Border

The CSS property to change the border of an element to XYZ 77.3973, 88.2303, 101.7578 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, 249, 248) }
```


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

```
.border{ border-color:rgb(210, 249, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 249, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 249, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 249, 248);  
box-shadow:4px 4px 4px 4px rgb(210, 249,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3973, 88.2303, 101.7578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 249, 248) }
```

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

```
.background{ background-color: rgb(210,  
249, 248) }
```

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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