

Converting Colors

XYZ(78.8729, 91.5915,
102.1502)

Have a look what the booklet for
XYZ(78.8729, 91.5915, 102.1502)
contains.

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Color

**XYZ(78.9978, 91.8526,
102.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFF8
RGB	209, 255, 248
RGB Percent	82%, 100%, 97%
CMY	0.1804, 0.0000, 0.0274
CMYK	0.18, 0.00, 0.03, 0.00
HSL	171°, 100%, 91%
HSV	171°, 18%, 100%
XYZ	78.9978, 91.8526, 102.3726
YIQ	240.4480, -25.1690, -11.9290

Conversions

Conversions Part 2

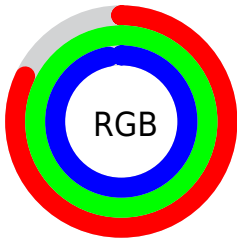
Format	Color
R _Y B	209, 234, 255
Decimal	13762552
CIE Lab	96.76, -15.93, -1.52
CIE LCh	97, 16.001, 185.443
Yxy	91.8526, 0.2891, 0.3362
Android (android.graphics.Color)	4291952632 (0xFFD1FFF8)
YUV	240.4480, 3.7231, -27.5799
Hunter-Lab	95.8398, -20.5875, 3.7564

Details

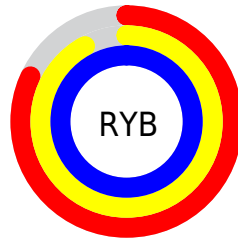
The XYZ color **78.9978, 91.8526, 102.3726** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4359, 71.8201, 74.8004**, and the grayscale version is **83.1611, 87.4919, 95.2787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0349, 51.0640, 57.4573** is the 20% darker color. If you saturate the color by 10%, you get **71.7559, 88.1881, 98.9252**, and if you desaturate by 10%, it is **87.4088, 96.1184, 105.9427**.

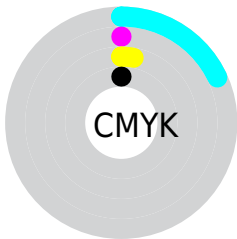
Distribution



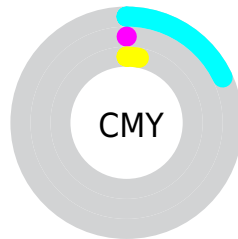
- Red (82%)
- Green (100%)
- Blue (97%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9978, 91.8526, 102.3726 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 78.9978, 91.8526, 102.3726 by changing the saturation by 10% instead.

78.9978, 91.8526,
102.3726

78.9978, 91.8526,
102.3726

480.3370,
534.0390, 589.0845

59.1996, 69.5182,
77.6556

130.9137,
149.9091, 166.4941

43.0208, 51.1339,
57.2763

163.7621,
186.4000, 206.7357

30.0960, 36.3151,
40.8163

201.6914,
228.3785, 252.9892

20.0599, 24.6777,
27.8569

245.0668,
276.2290, 305.6731

12.5471, 15.8371,
17.9798

294.2537,
330.3359, 365.2061

7.1923, 9.4089,
10.7662

349.6175,

3.6300, 5.0089,

391.0836, 432.0066

5.7976

411.5235,
458.8565, 506.4932

■ 1.4950, 2.2525,
2.6556

■ 0.3225, 0.7484,
0.9210

■ 78.9978, 91.8526,
102.3726

■ 78.9978, 91.8526,
102.3726

■ 71.7559, 88.1881,
98.9252

■ 87.4088, 96.1184,
105.9427

■ 65.6253, 85.0951,
95.5932

95.0500, 100.0000,
108.9000

■ 60.5476, 82.5434,
92.3747

■ 56.4579, 80.4996,
89.2665

■ 53.2841, 78.9266,
86.2647

■ 50.9440, 77.7820,
83.3651

■ 49.3406, 77.0158,
80.5627

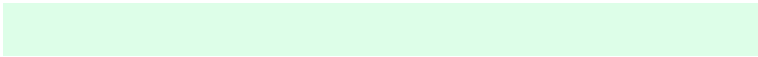
■ 48.3424, 76.5602,
77.8510

■ 48.1810, 76.4884,
77.3279

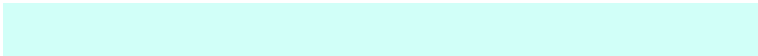
Harmonies

Analogous

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



79.6931, 91.8526, 90.0961



78.9978, 91.8526, 102.3726



80.4652, 91.8526, 115.0261

Triad

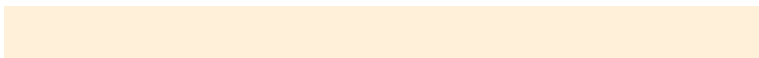
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9978, 91.8526, 102.3726



92.3993, 91.8526, 121.5090



90.9359, 91.8526, 79.1908

Complementary

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



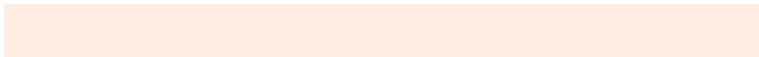
78.9978, 91.8526, 102.3726



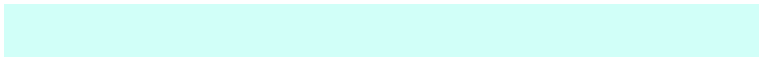
76.4359, 71.8201, 74.8004

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.



94.5179, 91.8526, 86.3645



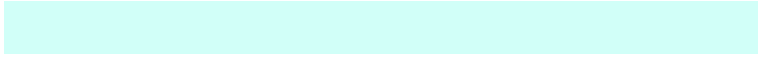
78.9978, 91.8526, 102.3726



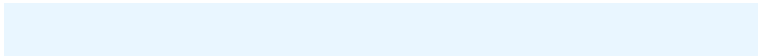
95.3829, 91.8526, 110.6297

Square

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



78.9978, 91.8526, 102.3726



88.1236, 91.8526, 126.6637



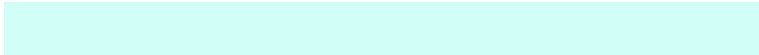
96.1711, 91.8526, 97.6877



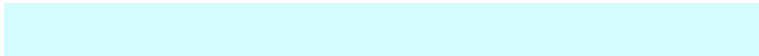
86.4878, 91.8526, 77.3883

Rectangle

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



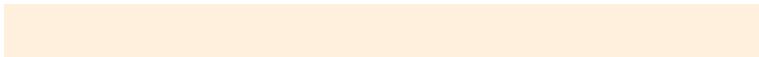
78.9978, 91.8526, 102.3726



82.5030, 91.8526, 121.7586



96.1711, 91.8526, 97.6877



92.2859, 91.8526, 81.0221

Sweetspot

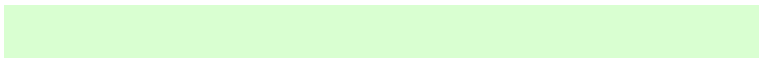
The Sweet Spot groups the original color and five complimentary colors.



78.9988, 91.8531, 102.3741



90.2030, 97.5372, 107.0511



75.7859, 90.8246, 73.8599



19.1667, 20.8056, 22.8583



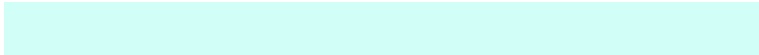
0.0000, 0.0000, 0.0000



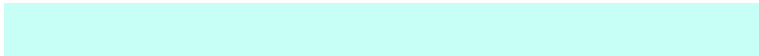
20.3446, 21.4041, 23.3091

Same Dimension

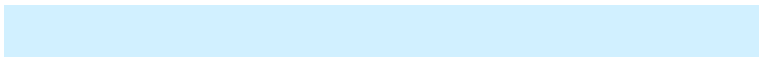
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9988, 91.8531, 102.3741



75.9927, 90.3308, 100.9936



75.4075, 82.9003, 106.6347



18.4291, 20.4312, 22.5625



25.2205, 39.9848, 40.6421



2.4864, 3.9055, 4.1191

Inverse Universe

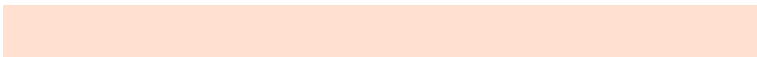
The Inverse Universe completely reimagines the original color for something new.



76.4359, 71.8201, 74.8004



72.9562, 66.5872, 68.3183



79.4947, 79.3552, 71.4505



18.1220, 18.0321, 19.2596



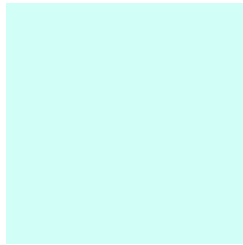
21.7718, 11.1980, 2.1827



2.1513, 1.1029, 0.3780

Previews

White Background



This preview shows how the XYZ color 78.9978, 91.8526, 102.3726 looks on a white background.

Color Contrast Check

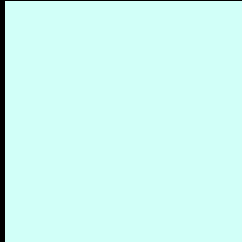
Large Text (above 18pt) WCAG AA × Fail

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 78.9978, 91.8526, 102.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

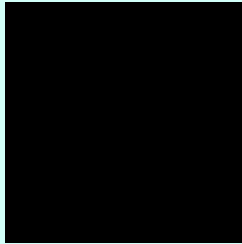
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

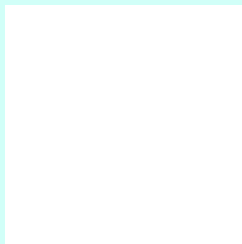
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9978, 91.8526, 102.3726

Background



This preview shows how black text looks on a background with the XYZ color 78.9978, 91.8526, 102.3726.



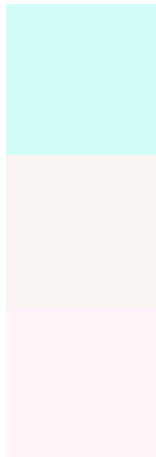
This preview shows how white text looks on a background with the XYZ color 78.9978, 91.8526,

102.3726.

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

78.9978, 91.8526, 102.3726

Protanopia

87.8020, 91.4362, 97.0257

Deuteranopia

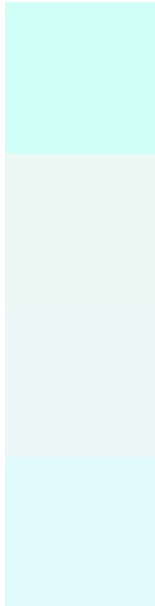
89.9354, 91.5416, 101.7361



Tritanopia

85.2424, 91.2340, 107.7249

Trichromacy



Original Color

78.9978, 91.8526, 102.3726

Protanomaly

84.1575, 91.3286, 98.7806

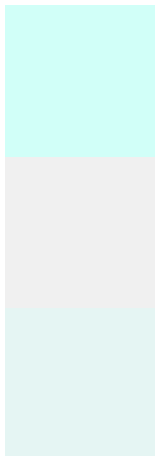
Deuteranomaly

85.4639, 91.4760, 101.9591

Tritanomaly

82.8076, 91.4070, 105.3744

Monochromacy



Original Color

78.9978, 91.8526, 102.3726

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.1432, 88.4339, 97.5868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9978, 91.8526, 102.3726 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(209, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 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(209, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 78.9978, 91.8526, 102.3726 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(209, 255, 248) }
```


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

```
.border{ border-color:rgb(209, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9978, 91.8526, 102.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 248) }
```

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

```
.background{ background-color: rgb(209,  
255, 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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