

Converting Colors

XYZ(83.0631, 100.0000,
103.0596)

Have a look what the booklet for
XYZ(83.0631, 100.0000, 103.0596)
contains.

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Color

**XYZ(78.8430, 91.7907,
101.5576)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FFF7
RGB	209, 255, 247
RGB Percent	82%, 100%, 97%
CMY	0.1804, 0.0000, 0.0314
CMYK	0.18, 0.00, 0.03, 0.00
HSL	170°, 100%, 91%
HSV	170°, 18%, 100%
XYZ	78.8430, 91.7907, 101.5576
YIQ	240.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

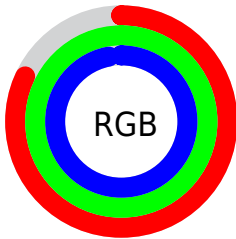
Format	Color
R_{YB}	209, 234, 255
Decimal	13762551
CIE _{Lab}	96.73, -16.13, -1.04
CIE _{LCh}	97, 16.160, 183.690
Yxy	91.7907, 0.2897, 0.3372
Android (android.graphics.Color)	4291952631 (0xFFD1FFF7)
YUV	240.3340, 3.2863, -27.4799
Hunter-Lab	95.8075, -20.7697, 4.2168

Details

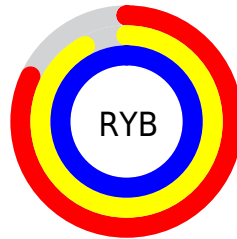
The XYZ color **78.8430, 91.7907, 101.5576** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5655, 71.8719, 75.4833**, and the grayscale version is **83.0748, 87.4011, 95.1799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9245, 51.0198, 56.8757** is the 20% darker color. If you saturate the color by 10%, you get **71.5206, 88.0940, 97.6865**, and if you desaturate by 10%, it is **87.3383, 96.0901, 105.5714**.

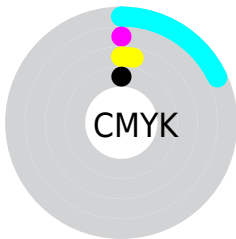
Distribution



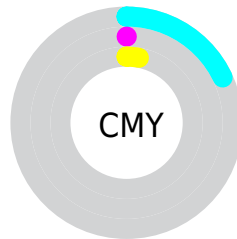
- Red (82%)
- Green (100%)
- Blue (97%)



- 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 78.8430, 91.7907, 101.5576 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 78.8430, 91.7907, 101.5576 by changing the saturation by 10% instead.

78.8430, 91.7907,
101.5576

78.8430, 91.7907,
101.5576

479.8212,
533.8389, 586.4643

59.0719, 69.4668,
76.9779

130.6969,
149.8233, 165.3665

42.9176, 51.0920,
56.7233

163.5104,
186.3007, 205.4328

30.0147, 36.2818,
40.3752

201.4022,
228.2648, 251.4984

19.9979, 24.6519,
27.5152

244.7374,
276.1000, 303.9818

12.5018, 15.8179,
17.7247

293.8816,
330.1906, 363.3015

7.1610, 9.3954,
10.5851

349.2001,

3.6102, 5.0000,

390.9210, 429.8762

5.6780

411.0581,
458.6756, 504.1243

■ 1.4841, 2.2472,
2.5847

■ 0.3150, 0.7456,
0.8845

■ 78.8430, 91.7907,
101.5576

■ 78.8430, 91.7907,
101.5576

■ 71.5206, 88.0940,
97.6865

■ 87.3383, 96.0901,
105.5714

■ 65.3133, 84.9703,
93.9505

95.0500, 100.0000,
108.9000

■ 60.1627, 82.3894,
90.3478

■ 56.0037, 80.3180,
86.8747

■ 52.7642, 78.7187,
83.5271

■ 50.3620, 77.5492,
80.3008

■ 48.7002, 76.7596,
77.1905

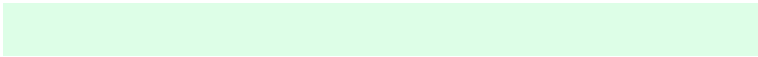
■ 47.6470, 76.2820,
74.1894

■ 47.4753, 76.2061,
73.6117

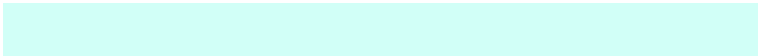
Harmonies

Analogous

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



79.6718, 91.7907, 89.2976



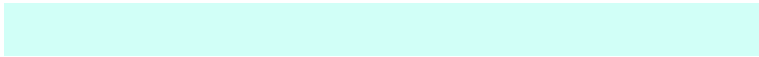
78.8430, 91.7907, 101.5576



80.2004, 91.7907, 114.4202

Triad

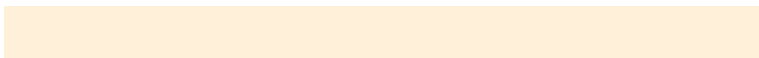
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8430, 91.7907, 101.5576



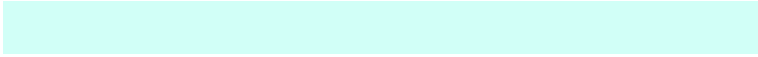
92.1623, 91.7907, 122.1545



91.1595, 91.7907, 79.2220

Complementary

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



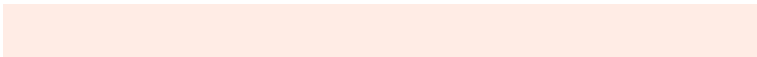
78.8430, 91.7907, 101.5576



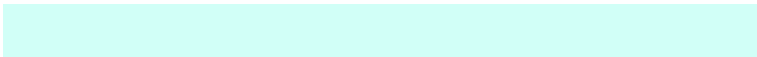
76.5655, 71.8719, 75.4833

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.



94.6891, 91.7907, 86.7442



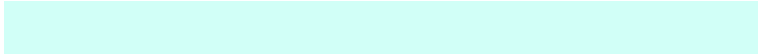
78.8430, 91.7907, 101.5576



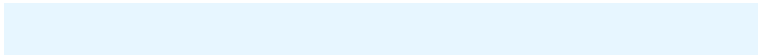
95.2820, 91.7907, 111.4057

Square

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



78.8430, 91.7907, 101.5576



87.8058, 91.7907, 126.9428



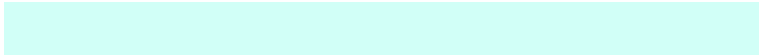
96.2222, 91.7907, 98.3485



86.6852, 91.7907, 77.0742

Rectangle

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



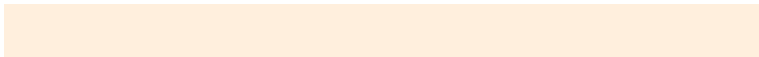
78.8430, 91.7907, 101.5576



82.1908, 91.7907, 121.4088



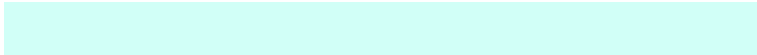
96.2222, 91.7907, 98.3485



92.5008, 91.7907, 81.1719

Sweetspot

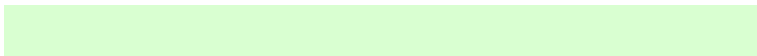
The Sweet Spot groups the original color and five complimentary colors.



78.8440, 91.7912, 101.5591



90.1589, 97.5195, 106.8186



76.0138, 90.9421, 73.8704



19.1559, 20.8013, 22.8016



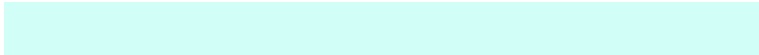
0.0000, 0.0000, 0.0000



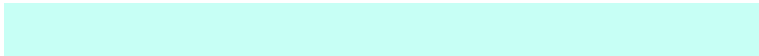
20.3446, 21.4041, 23.3091

Same Dimension

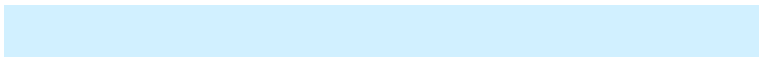
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8440, 91.7912, 101.5591



75.8056, 90.2560, 100.0083



75.6332, 83.3517, 106.7099



18.4113, 20.4240, 22.4688



24.8565, 39.8392, 38.7251



2.4543, 3.8926, 3.9499

Inverse Universe

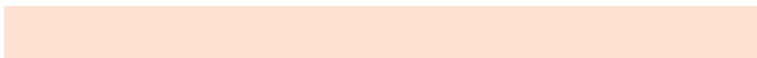
The Inverse Universe completely reimagines the original color for something new.



76.5655, 71.8719, 75.4833



73.1063, 66.6472, 69.1089



79.2887, 78.9431, 71.3817



18.1383, 18.0386, 19.3453



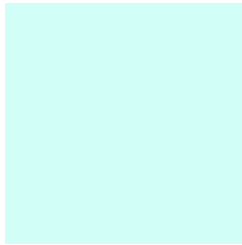
21.8269, 11.2200, 2.4729



2.1590, 1.1060, 0.4189

Previews

White Background



This preview shows how the XYZ color 78.8430, 91.7907, 101.5576 looks on a white background.

Color Contrast Check

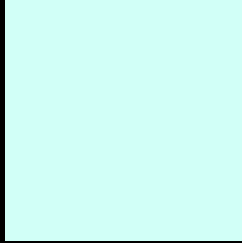
Large Text (above 18pt) WCAG AA × Fail

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 78.8430, 91.7907, 101.5576 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 78.8430, 91.7907, 101.5576

Background



This preview shows how black text looks on a background with the XYZ color 78.8430, 91.7907, 101.5576.



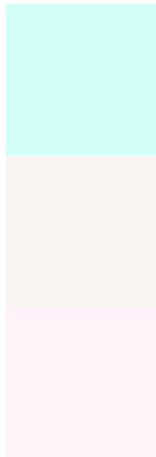
This preview shows how white text looks on a background with the XYZ color 78.8430, 91.7907,

101.5576.

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

78.8430, 91.7907, 101.5576

Protanopia

87.6522, 91.3762, 96.2367

Deuteranopia

89.9354, 91.5416, 101.7361



Tritanopia

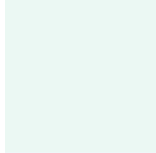
85.2424, 91.2340, 107.7249

Trichromacy



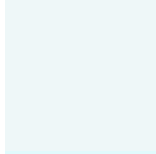
Original Color

78.8430, 91.7907, 101.5576



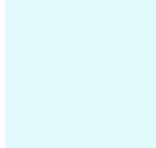
Protanomaly

84.0060, 91.2680, 97.9829



Deuteranomaly

85.4639, 91.4760, 101.9591



Tritanomaly

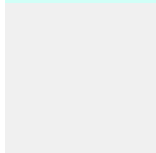
82.8076, 91.4070, 105.3744

Monochromacy



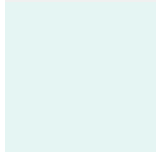
Original Color

78.8430, 91.7907, 101.5576



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 78.8430, 91.7907, 101.5576 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 78.8430, 91.7907, 101.5576 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, 247) }
```


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

```
.border{ border-color:rgb(209, 255, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8430, 91.7907, 101.5576 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, 247) }
```

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

```
.background{ background-color: rgb(209,  
255, 247) }
```

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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