

Converting Colors

XYZ(74.8761, 82.9670,
101.3205)

Have a look what the booklet for
XYZ(74.8761, 82.9670, 101.3205)
contains.

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Color

**XYZ(74.8373, 82.8614,
101.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F0F9
RGB	210, 240, 249
RGB Percent	82%, 94%, 98%
CMY	0.1765, 0.0588, 0.0235
CMYK	0.16, 0.04, 0.00, 0.02
HSL	194°, 76%, 90%
HSV	194°, 16%, 98%
XYZ	74.8373, 82.8614, 101.6720
YIQ	232.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

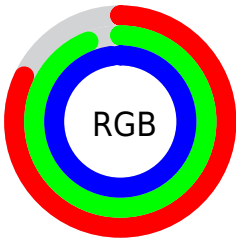
Format	Color
R _Y B	210, 227, 249
Decimal	13824249
CIE Lab	92.95, -7.92, -7.63
CIE LCh	93, 11.002, 223.924
Yxy	82.8614, 0.2885, 0.3195
Android (android.graphics.Color)	4292014329 (0xFFD2F0F9)
YUV	232.0560, 8.3534, -19.3431
Hunter-Lab	91.0282, -12.5487, -2.5029

Details

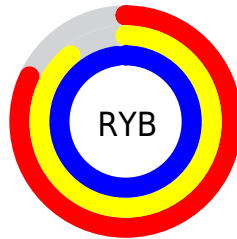
The XYZ color **74.8373, 82.8614, 101.6720** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.0318, 75.4557, 71.5314**, and the grayscale version is **76.6962, 80.6904, 87.8719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2837, 45.0998, 57.0340** is the 20% darker color. If you saturate the color by 10%, you get **66.6286, 76.1611, 100.8127**, and if you desaturate by 10%, it is **84.2074, 90.2443, 102.6045**.

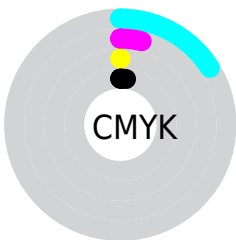
Distribution



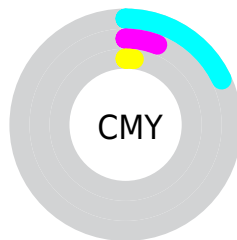
- Red (82%)
- Green (94%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8373, 82.8614, 101.6720 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 74.8373, 82.8614, 101.6720 by changing the saturation by 10% instead.

■ 74.8373, 82.8614,
101.6720

■ 74.8373, 82.8614,
101.6720

466.3640,
504.5245, 586.8325

■ 55.7733, 62.0758,
77.0730

125.0712,
137.3813, 165.5249

■ 40.2575, 45.0940,
56.8009

156.9718,
171.8845, 205.6158

■ 27.9245, 31.5314,
40.4371

193.8819,
211.7289, 251.7078

■ 18.4089, 21.0039,
27.5631

236.1670,
257.2990, 304.2194

■ 11.3454, 13.1268,
17.7604

284.1924,
308.9793, 363.5691

■ 6.3687, 7.5159,
10.6105

338.3235,

■ 3.1133, 3.7868,

367.1540, 430.1755

5.6947

398.9256,
432.2076, 504.4571

■ 1.2140, 1.5550,
2.5946

■ 0.1173, 0.3270,
0.8896

■ 74.8373, 82.8614,
101.6720

■ 74.8373, 82.8614,
101.6720

■ 66.6286, 76.1611,
100.8127

■ 84.2074, 90.2443,
102.6045

■ 59.5226, 70.1058,
100.0184

■ 92.9906, 97.4026,
103.5233

■ 53.4665, 64.6698,
99.2884

■ 94.0991, 99.6197,
103.8928

■ 48.4000, 59.8212,
98.6195

■ 44.2563, 55.5248,
98.0086

■ 40.9601, 51.7411,
97.4520

■ 38.4236, 48.4239,
96.9454

■ 36.5381, 45.5166,
96.4836

■ 35.8526, 44.3466,
96.2939

Harmonies

Analogous

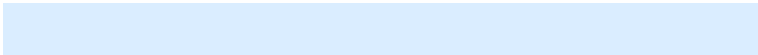
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5058, 82.8614, 94.0908



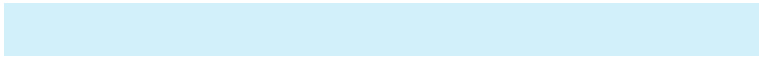
74.8373, 82.8614, 101.6720



77.2344, 82.8614, 106.3282

Triad

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



74.8373, 82.8614, 101.6720



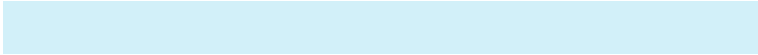
84.1968, 82.8614, 94.6833



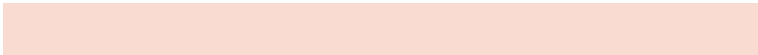
77.4328, 82.8614, 75.6932

Complementary

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



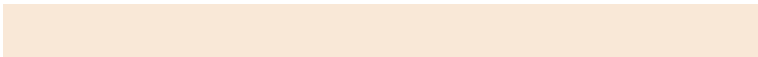
74.8373, 82.8614, 101.6720



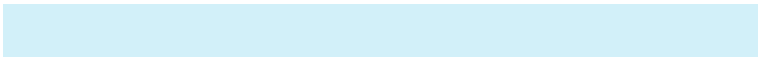
76.0318, 75.4557, 71.5314

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.



80.3000, 82.8614, 75.8303



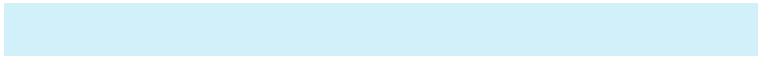
74.8373, 82.8614, 101.6720



84.2530, 82.8614, 86.4607

Square

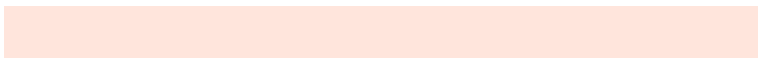
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



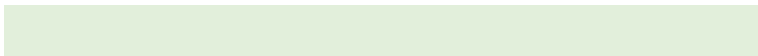
74.8373, 82.8614, 101.6720



82.6599, 82.8614, 102.1285



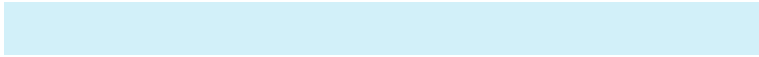
82.8118, 82.8614, 79.6656



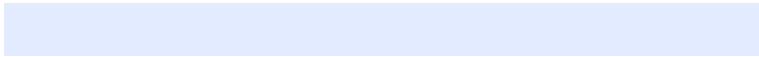
74.9795, 82.8614, 79.2788

Rectangle

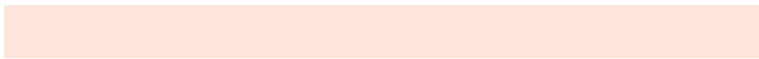
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8373, 82.8614, 101.6720



79.1367, 82.8614, 106.9797



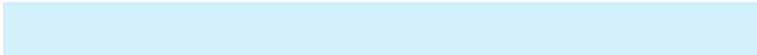
82.8118, 82.8614, 79.6656



78.3791, 82.8614, 75.3125

Sweetspot

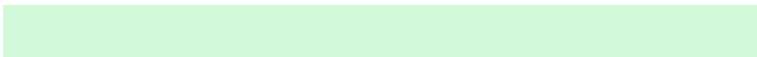
The Sweet Spot groups the original color and five complimentary colors.



74.8397, 82.8648, 101.6739



89.5827, 95.7993, 108.3773



73.1693, 86.5400, 79.4878



19.0154, 20.3818, 23.1818



0.0000, 0.0000, 0.0000



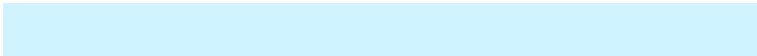
20.3446, 21.4041, 23.3091

Same Dimension

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



74.8397, 82.8648, 101.6739



75.9542, 85.0158, 107.0142



69.5483, 72.2820, 99.9101



17.4065, 18.8897, 22.1140



19.3042, 23.9640, 51.5816



1.8675, 2.3787, 4.8039

Inverse Universe

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



77.8436, 72.5259, 92.3382



79.7463, 72.1888, 95.1782



81.2611, 85.9143, 73.2745



17.8117, 17.4520, 20.8641



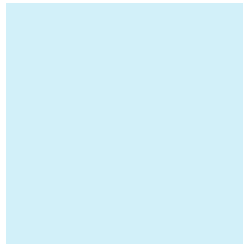
26.0359, 12.8301, 27.9612



2.4516, 1.2044, 2.8013

Previews

White Background



This preview shows how the XYZ color 74.8373, 82.8614, 101.6720 looks on a white background.

Color Contrast Check

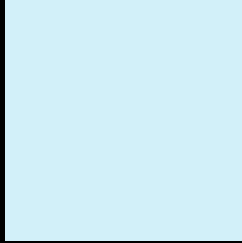
Large Text (above 18pt) WCAG AA × Fail

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 74.8373, 82.8614, 101.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

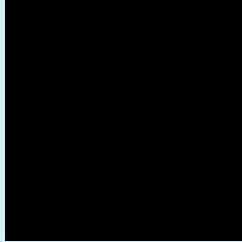
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8373, 82.8614, 101.6720

Background



This preview shows how black text looks on a background with the XYZ color 74.8373, 82.8614, 101.6720.



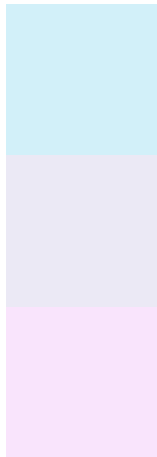
This preview shows how white text looks on a background with the XYZ color 74.8373, 82.8614,

101.6720.

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

74.8373, 82.8614, 101.6720

Protanopia

79.8813, 82.5326, 98.1064

Deuteranopia

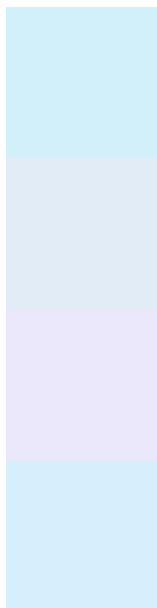
84.3810, 82.6548, 103.6021



Tritanopia

76.3561, 82.6652, 106.5393

Trichromacy



Original Color

74.8373, 82.8614, 101.6720

Protanomaly

77.9940, 82.8135, 99.0627

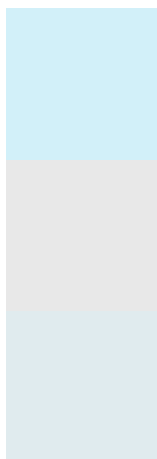
Deuteranomaly

80.5301, 82.3404, 102.9157

Tritanomaly

76.0367, 82.9710, 104.9359

Monochromacy



Original Color

74.8373, 82.8614, 101.6720

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8814, 81.4370, 92.6085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8373, 82.8614, 101.6720 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, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 240, 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(210, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 240, 249) }
```

Border

The CSS property to change the border of an element to XYZ 74.8373, 82.8614, 101.6720 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, 240, 249) }
```


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

```
.border{ border-color:rgb(210, 240, 249) }
```

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

Here you see how a box with a 4 pixel rgb(210, 240, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 240,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8373, 82.8614, 101.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 240, 249) }
```

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

```
.background{ background-color: rgb(210,  
240, 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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