

Converting Colors

XYZ(70.2998, 74.0302,
101.3828)

Have a look what the booklet for
XYZ(70.2998, 74.0302, 101.3828)
contains.

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Color

**XYZ(70.4750, 74.3079,
101.0709)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E1FA
RGB	209, 225, 250
RGB Percent	82%, 88%, 98%
CMY	0.1804, 0.1176, 0.0196
CMYK	0.16, 0.10, 0.00, 0.02
HSL	217°, 80%, 90%
HSV	217°, 16%, 98%
XYZ	70.4750, 74.3079, 101.0709
YIQ	223.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

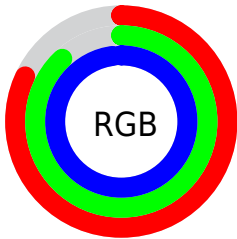
Format	Color
R _Y B	209, 221, 250
Decimal	13754874
CIE Lab	89.07, -0.33, -13.95
CIE LCh	89, 13.950, 268.661
Yxy	74.3079, 0.2867, 0.3022
Android (android.graphics.Color)	4291944954 (0xFFD1E1FA)
YUV	223.0660, 13.2785, -12.3359
Hunter-Lab	86.2020, -4.9198, -9.1754

Details

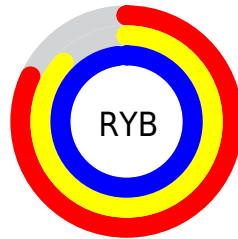
The XYZ color **70.4750, 74.3079, 101.0709** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.3562, 83.7727, 72.2576**, and the grayscale version is **70.1056, 73.7565, 80.3208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4388, 39.5145, 56.6928** is the 20% darker color. If you saturate the color by 10%, you get **60.0113, 63.0690, 99.4543**, and if you desaturate by 10%, it is **82.4209, 86.8608, 102.8654**.

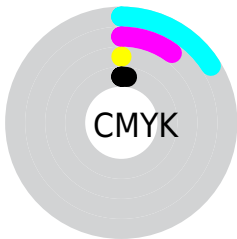
Distribution



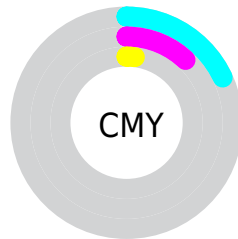
- Red (82%)
- Green (88%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4750, 74.3079, 101.0709 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 70.4750, 74.3079, 101.0709 by changing the saturation by 10% instead.

■ 70.4750, 74.3079,
101.0709

■ 70.4750, 74.3079,
101.0709

451.4565,
475.5354, 584.8966

■ 52.1949, 55.0461,
76.5733

118.9085,
125.3322, 164.6928

■ 37.3853, 39.4386,
56.3933

149.7925,
157.8634, 204.6541

■ 25.6810, 27.1011,
40.1122

185.6086,
195.5866, 250.6072

■ 16.7166, 17.6492,
27.3116

226.7220,
238.8861, 302.9705

■ 10.1267, 10.6984,
17.5729

273.4981,
288.1464, 362.1625

■ 5.5459, 5.8644,
10.4775

326.3024,

■ 2.6090, 2.7628,

343.7517, 428.6019

5.6070

385.5000,
406.0866, 502.7070

■ 0.9506, 1.0092,
2.5427

■ 0.0000, 0.0000,
0.8627

■ 70.4750, 74.3079,
101.0709

■ 70.4750, 74.3079,
101.0709

■ 60.0113, 63.0690,
99.4543

■ 82.4209, 86.8608,
102.8654

■ 50.9619, 53.0891,
98.0049

■ 94.2555, 99.6822,
104.7165

■ 43.2633, 44.3227,
96.7186

■ 36.8444, 36.7175,
95.5889

■ 31.6268, 30.2169,
94.6092

■ 27.5226, 24.7587,
93.7720

■ 24.4303, 20.2723,
93.0690

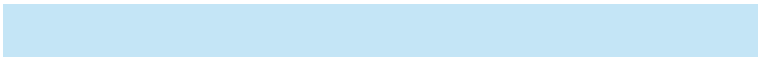
■ 22.2252, 16.6743,
92.4907

■ 21.5840, 15.5592,
92.3093

Harmonies

Analogous

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



67.2870, 74.3079, 97.9464



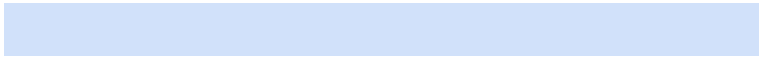
70.4750, 74.3079, 101.0709



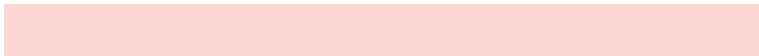
73.8042, 74.3079, 98.4435

Triad

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



70.4750, 74.3079, 101.0709



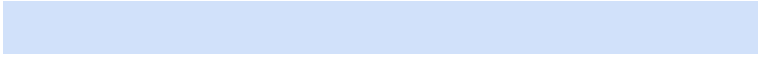
76.5106, 74.3079, 72.2707



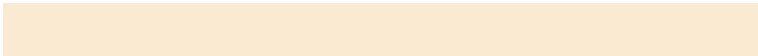
65.1984, 74.3079, 71.5712

Complementary

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



70.4750, 74.3079, 101.0709



80.3562, 83.7727, 72.2576

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.



67.5431, 74.3079, 65.5904



70.4750, 74.3079, 101.0709



74.0766, 74.3079, 65.9710

Square

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



70.4750, 74.3079, 101.0709



77.3553, 74.3079, 81.3463



70.7801, 74.3079, 63.6237



64.3014, 74.3079, 80.4726

Rectangle

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



70.4750, 74.3079, 101.0709



75.6419, 74.3079, 93.8935



70.7801, 74.3079, 63.6237



65.8396, 74.3079, 69.1798

Sweetspot

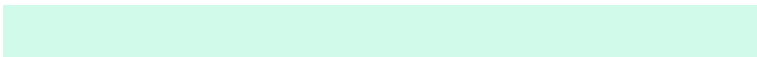
The Sweet Spot groups the original color and five complimentary colors.



70.4772, 74.3110, 101.0726



88.0839, 92.8017, 107.8777



75.2753, 87.8454, 90.5307



18.6510, 19.6530, 23.0603



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.



70.4772, 74.3110, 101.0726



69.5823, 73.3183, 105.0922



67.5268, 66.6657, 99.7524



16.8387, 17.7542, 21.9247



11.5784, 8.5125, 49.0064



1.1720, 0.9877, 4.5721

Inverse Universe

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



75.8172, 71.3628, 81.0161



76.2747, 69.8225, 79.9113



83.6665, 92.5507, 73.7774



17.5251, 17.3374, 19.3549



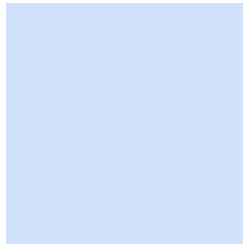
22.1363, 11.2702, 7.4261



2.1005, 1.0639, 0.9527

Previews

White Background



This preview shows how the XYZ color 70.4750, 74.3079, 101.0709 looks on a white background.

Color Contrast Check

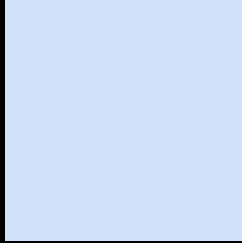
Large Text (above 18pt) WCAG AA × Fail

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 70.4750, 74.3079, 101.0709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

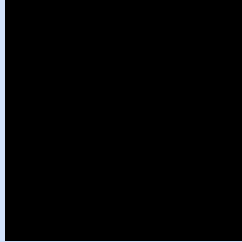
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

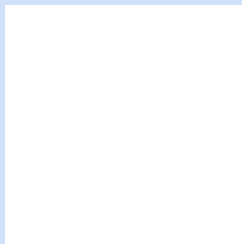
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4750, 74.3079, 101.0709

Background



This preview shows how black text looks on a background with the XYZ color 70.4750, 74.3079, 101.0709.

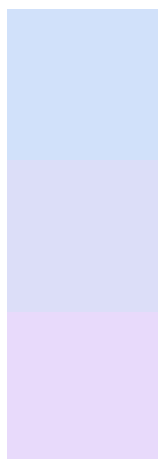


This preview shows how white text looks on a background with the XYZ color 70.4750, 74.3079,

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

70.4750, 74.3079, 101.0709

Protanopia

72.5798, 74.2355, 99.3105

Deuteranopia

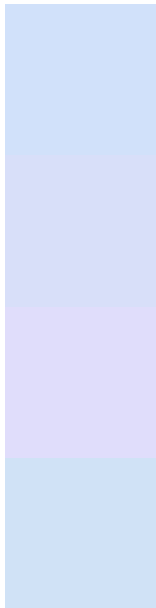
75.7627, 74.2636, 101.6080



Tritanopia

69.5379, 74.3343, 96.2709

Trichromacy



Original Color

70.4750, 74.3079, 101.0709

Protanomaly

71.8055, 74.2138, 100.1627

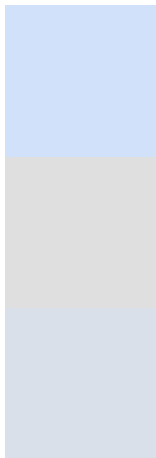
Deuteranomaly

74.0095, 74.5252, 101.7509

Tritanomaly

69.8433, 74.4564, 97.8792

Monochromacy



Original Color

70.4750, 74.3079, 101.0709

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2771, 74.0999, 87.6895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4750, 74.3079, 101.0709 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, 225, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 250)  
}
```

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, 225, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 250) }
```

Border

The CSS property to change the border of an element to XYZ 70.4750, 74.3079, 101.0709 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, 225, 250) }
```


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

```
.border{ border-color:rgb(209, 225, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4750, 74.3079, 101.0709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 250) }
```

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

```
.background{ background-color: rgb(209,  
225, 250) }
```

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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