

Converting Colors

XYZ(70.8934, 73.8150, 96.8974)

Have a look what the booklet for
XYZ(70.8934, 73.8150, 96.8974)
contains.

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Color

**XYZ(70.8934, 73.8150,
96.8974)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7DFF5 |
| RGB | 215, 223, 245 |
| RGB Percent | 84%, 87%, 96% |
| CMY | 0.1569, 0.1255, 0.0392 |
| CMYK | 0.12, 0.09, 0.00, 0.04 |
| HSL | 224°, 60%, 90% |
| HSV | 224°, 12%, 96% |
| XYZ | 70.8934, 73.8150, 96.8974 |
| YIQ | 223.1160, -11.8300, 5.1460 |

Conversions

Conversions Part 2

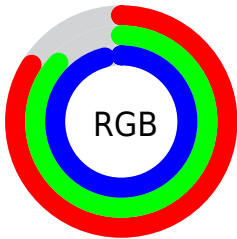
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 221, 245 |
| Decimal | 14147573 |
| CIE Lab | 88.83, 1.57, -11.62 |
| CIE LCh | 89, 11.730, 277.698 |
| Yxy | 73.8150, 0.2934, 0.3055 |
| Android (android.graphics.Color) | 4292337653 (0xFFD7DFF5) |
| YUV | 223.1160, 10.7888, -7.1177 |
| Hunter-Lab | 85.9157, -3.0629, -6.7275 |

Details

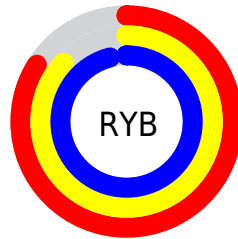
The XYZ color **70.8934, 73.8150, 96.8974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.2064, 84.8866, 76.4488**, and the grayscale version is **70.1552, 73.8088, 80.3778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6851, 39.1530, 53.7152** is the 20% darker color. If you saturate the color by 10%, you get **59.6835, 61.2867, 95.0712**, and if you desaturate by 10%, it is **83.6942, 87.9233, 98.9471**.

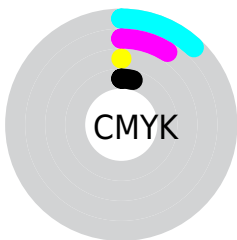
Distribution



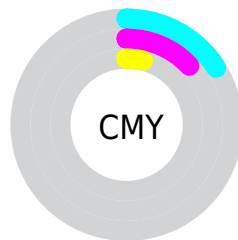
- Red (84%)
- Green (87%)
- Blue (96%)



- Red (84%)
- Yellow (87%)
- Blue (96%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8934, 73.8150, 96.8974 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 70.8934, 73.8150, 96.8974 by changing the saturation by 10% instead.

■ 70.8934, 73.8150,
96.8974

■ 70.8934, 73.8150,
96.8974

452.8983,
473.8346, 571.3604

■ 52.5374, 54.6426,
73.1096

119.5013,
124.6335, 158.9014

■ 37.6596, 39.1157,
53.5732

150.4839,
157.0485, 197.9547

■ 25.8946, 26.8497,
37.8697

186.4061,
194.6464, 242.9335

■ 16.8771, 17.4604,
25.5805

227.6332,
237.8117, 294.2565

■ 10.2417, 10.5633,
16.2872

274.5307,
286.9288, 352.3422

■ 5.6230, 5.7740,
9.5710

327.4638,

■ 2.6557, 2.7081,

342.3820, 417.6090

5.0136

386.7979,
404.5559, 490.4756

■ 0.9744, 0.9813,
2.1964

■ 0.0000, 0.0000,
0.6723

■ 70.8934, 73.8150,
96.8974

■ 70.8934, 73.8150,
96.8974

■ 59.6835, 61.2867,
95.0712

■ 83.6942, 87.9233,
98.9471

■ 49.9945, 50.2730,
93.4560

■ 93.4816, 99.3727,
100.6412

■ 41.7606, 40.7173,
92.0455

■ 34.9085, 32.5557,
90.8313

■ 29.3583, 25.7194,
89.8043

■ 25.0215, 20.1333,
88.9547

■ 21.7974, 15.7139,
88.2716

■ 19.5673, 12.3652,
87.7427

■ 18.3927, 10.4147,
87.4282

Harmonies

Analogous

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



68.1059, 73.8150, 95.7360



70.8934, 73.8150, 96.8974



73.5534, 73.8150, 93.3998

Triad

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



70.8934, 73.8150, 96.8974



74.5715, 73.8150, 71.1780



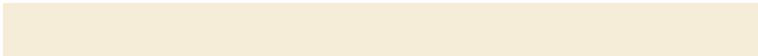
65.2243, 73.8150, 74.5790

Complementary

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



70.8934, 73.8150, 96.8974



80.2064, 84.8866, 76.4488

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.



66.8706, 73.8150, 68.6157



70.8934, 73.8150, 96.8974



72.2528, 73.8150, 66.7465

Square

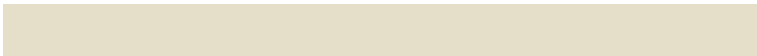
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8934, 73.8150, 96.8974



75.7139, 73.8150, 78.2940



69.4296, 73.8150, 65.8411



64.8825, 73.8150, 82.4864

Rectangle

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



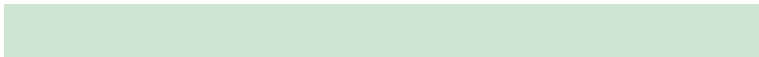
70.8934, 73.8150, 96.8974



74.8792, 73.8150, 89.0271



69.4296, 73.8150, 65.8411



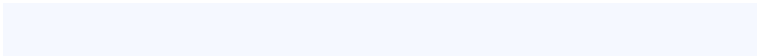
65.6413, 73.8150, 72.2968

Sweetspot

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



70.8956, 73.8181, 96.8990



89.0568, 93.4372, 107.9491



75.8911, 85.8384, 92.3081



18.8275, 19.7421, 23.0682



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.



70.8956, 73.8181, 96.8990



74.0475, 76.8465, 105.5379



70.7544, 70.6456, 96.2941



15.9407, 16.6457, 20.9153



10.0050, 5.8038, 47.1309



0.9605, 0.6723, 4.1694

Inverse Universe

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



75.2776, 73.3426, 80.0046



79.8472, 76.3004, 83.1588



80.3474, 88.4761, 77.1342



16.6807, 16.5551, 18.0649



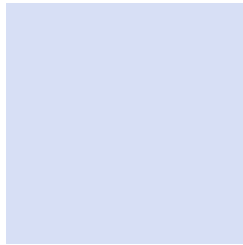
20.8546, 10.6853, 3.9426



1.8739, 0.9555, 0.5621

Previews

White Background



This preview shows how the XYZ color 70.8934, 73.8150, 96.8974 looks on a white background.

Color Contrast Check

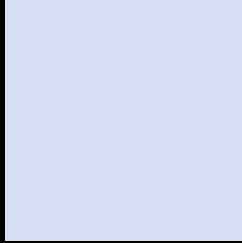
Large Text (above 18pt) WCAG AA × Fail

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 70.8934, 73.8150, 96.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

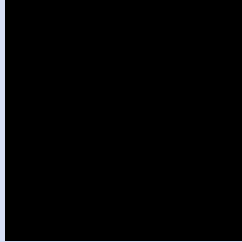
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8934, 73.8150, 96.8974

Background



This preview shows how black text looks on a background with the XYZ color 70.8934, 73.8150, 96.8974.



This preview shows how white text looks on a background with the XYZ color 70.8934, 73.8150,

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

70.8934, 73.8150, 96.8974

Protanopia

72.0044, 73.6167, 96.0024

Deuteranopia

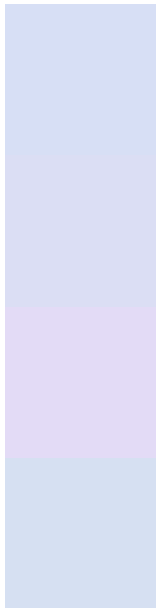
75.3791, 73.7720, 97.4553



Tritanopia

70.2644, 73.9583, 93.7911

Trichromacy



Original Color

70.8934, 73.8150, 96.8974

Protanomaly

71.6638, 73.8343, 96.0623

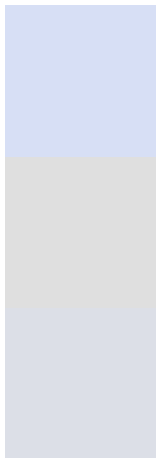
Deuteranomaly

73.6446, 73.6478, 97.5227

Tritanomaly

70.4142, 74.0183, 94.5801

Monochromacy



Original Color

70.8934, 73.8150, 96.8974

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3267, 73.7605, 86.1319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8934, 73.8150, 96.8974 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(215, 223, 245)` looks like.

```
.text, #text, p{  
    color:rgb(215, 223, 245)  
}
```

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(215, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 223, 245) }
```

Border

The CSS property to change the border of an element to XYZ 70.8934, 73.8150, 96.8974 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(215, 223, 245) }
```


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

```
.border{ border-color:rgb(215, 223, 245) }
```

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

Here you see how a box with a 4 pixel rgb(215, 223, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(215, 223,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8934, 73.8150, 96.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 223, 245) }
```

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

```
.background{ background-color: rgb(215,  
223, 245) }
```

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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