

Converting Colors

XYZ(70.4237, 71.2695,
103.4524)

Have a look what the booklet for
XYZ(70.4237, 71.2695, 103.4524)
contains.

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Color

**XYZ(70.4338, 71.0776,
103.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D9FE
RGB	214, 217, 254
RGB Percent	84%, 85%, 100%
CMY	0.1608, 0.1490, 0.0039
CMYK	0.16, 0.15, 0.00, 0.00
HSL	235°, 95%, 92%
HSV	235°, 16%, 100%
XYZ	70.4338, 71.0776, 103.7730
YIQ	220.3210, -13.6650, 10.8710

Conversions

Conversions Part 2

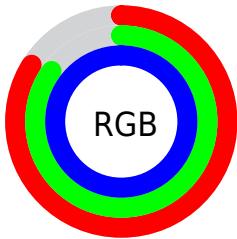
Format	Color
R _{YB}	214, 217, 254
Decimal	14080510
CIE Lab	87.52, 6.25, -18.33
CIE LCh	88, 19.368, 288.812
Yxy	71.0776, 0.2872, 0.2898
Android (android.graphics.Color)	4292270590 (0xFFD6D9FE)
YUV	220.3210, 16.6037, -5.5435
Hunter-Lab	84.3075, 1.5877, -13.9640

Details

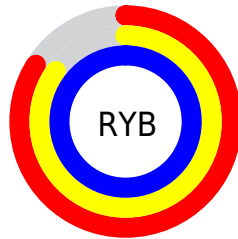
The XYZ color **70.4338, 71.0776, 103.7730** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.5083, 94.9200, 77.3292**, and the grayscale version is **68.1479, 71.6969, 78.0779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2964, 37.2428, 58.0462** is the 20% darker color. If you saturate the color by 10%, you get **57.9605, 56.2902, 101.5773**, and if you desaturate by 10%, it is **84.9293, 88.1908, 106.3133**.

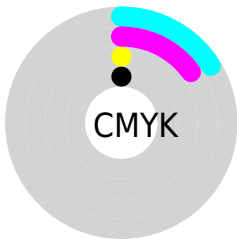
Distribution



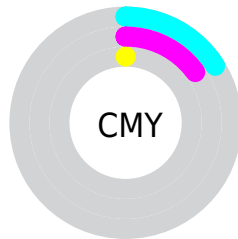
- Red (84%)
- Green (85%)
- Blue (100%)



- Red (84%)
- Yellow (85%)
- Blue (100%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4338, 71.0776, 103.7730 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 70.4338, 71.0776, 103.7730 by changing the saturation by 10% instead.

70.4338, 71.0776,
103.7730

70.4338, 71.0776,
103.7730

451.3144,
464.3247, 593.5724

52.1611, 52.4055,
78.8209

118.8501,
120.7442, 168.4295

37.3583, 37.3284,
58.2281

149.7244,
152.5075, 208.9709

25.6600, 25.4619,
41.5761

185.5300,
189.4034, 255.5459

16.7008, 16.4215,
28.4465

226.6322,
231.8162, 308.5729

10.1154, 9.8229,
18.4205

273.3964,
280.1303, 368.4705

5.5384, 5.2817,
11.0798

326.1879,

2.6044, 2.4135,

334.7302, 435.6573

6.0057

385.3721,
396.0002, 510.5517

■ 0.9482, 0.8328,
2.7797

■ 0.0000, 0.0000,
0.9833

■ 70.4338, 71.0776,
103.7730

■ 70.4338, 71.0776,
103.7730

■ 57.9605, 56.2902,
101.5773

■ 84.9293, 88.1908,
106.3133

■ 47.4133, 43.7198,
99.7069

94.8896, 99.9358,
108.0554

■ 38.6980, 33.2619,
98.1476

■ 31.7097, 24.8005,
96.8827

■ 26.3331, 18.2079,
95.8936

■ 22.4387, 13.3420,
95.1597

■ 19.8769, 10.0399,
94.6573

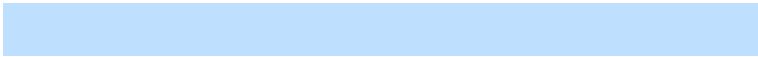
■ 18.4657, 8.1071,
94.3586

■ 18.1236, 7.6238,
94.2834

Harmonies

Analogous

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



65.8646, 71.0776, 104.8310



70.4338, 71.0776, 103.7730



74.3960, 71.0776, 95.1961

Triad

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



70.4338, 71.0776, 103.7730



73.5174, 71.0776, 59.9377



59.2895, 71.0776, 72.6054

Complementary

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



70.4338, 71.0776, 103.7730



87.5083, 94.9200, 77.3292

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.



61.1508, 71.0776, 61.9578



70.4338, 71.0776, 103.7730



69.2784, 71.0776, 55.2138

Square

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



70.4338, 71.0776, 103.7730



76.2310, 71.0776, 69.5481



64.7599, 71.0776, 55.9090



59.5675, 71.0776, 85.8034

Rectangle

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



70.4338, 71.0776, 103.7730



76.0959, 71.0776, 86.8589



64.7599, 71.0776, 55.9090



59.6823, 71.0776, 68.6382

Sweetspot

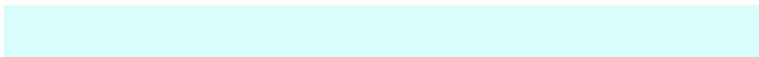
The Sweet Spot groups the original color and five complimentary colors.



70.4360, 71.0805, 103.7746



86.8664, 90.3667, 107.4719



80.5348, 92.1251, 104.5300



18.3560, 19.0629, 22.9620



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.



70.4360, 71.0805, 103.7746



66.7493, 66.6061, 103.9459



74.7849, 72.1841, 103.7584



17.1125, 17.5966, 22.7445



9.5934, 4.0963, 49.7196



0.9703, 0.4712, 4.8531

Inverse Universe

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



77.4457, 74.1755, 75.8844



75.1001, 70.3304, 70.7117



82.6172, 93.8019, 77.3712



18.0647, 18.0092, 18.9578



21.6305, 11.1415, 1.4387



2.1243, 1.0921, 0.2362

Previews

White Background



This preview shows how the XYZ color 70.4338, 71.0776, 103.7730 looks on a white background.

Color Contrast Check

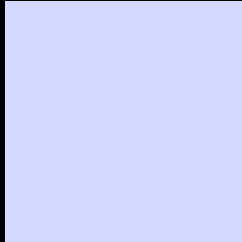
Large Text (above 18pt) WCAG AA × Fail

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 70.4338, 71.0776, 103.7730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

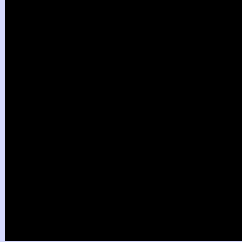
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4338, 71.0776, 103.7730

Background



This preview shows how black text looks on a background with the XYZ color 70.4338, 71.0776, 103.7730.

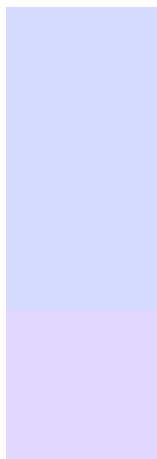


This preview shows how white text looks on a background with the XYZ color 70.4338, 71.0776,

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

70.4338, 71.0776, 103.7730

Protanopia

69.8536, 70.7785, 103.7459

Deuteranopia

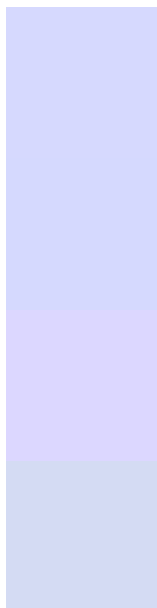
72.8370, 71.1604, 104.5042



Tritanopia

67.7432, 71.1497, 90.2836

Trichromacy



Original Color

70.4338, 71.0776, 103.7730

Protanomaly

70.1428, 70.9276, 103.7594

Deuteranomaly

71.8656, 71.0365, 104.5314

Tritanomaly

68.6606, 71.1311, 94.9049

Monochromacy



Original Color

70.4338, 71.0776, 103.7730

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.8104, 71.3947, 86.4978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4338, 71.0776, 103.7730 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(214, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 254)  
}
```

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(214, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 254) }
```

Border

The CSS property to change the border of an element to XYZ 70.4338, 71.0776, 103.7730 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(214, 217, 254) }
```


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

```
.border{ border-color:rgb(214, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4338, 71.0776, 103.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 254) }
```

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

```
.background{ background-color: rgb(214,  
217, 254) }
```

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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