

Converting Colors

XYZ(70.2783, 74.1871,
102.4160)

Have a look what the booklet for
XYZ(70.2783, 74.1871, 102.4160)
contains.

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Color

**XYZ(70.2280, 74.1441,
102.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE1FC
RGB	207, 225, 252
RGB Percent	81%, 88%, 99%
CMY	0.1882, 0.1176, 0.0118
CMYK	0.18, 0.11, 0.00, 0.01
HSL	216°, 88%, 90%
HSV	216°, 18%, 99%
XYZ	70.2280, 74.1441, 102.7053
YIQ	222.6960, -19.3950, 4.5810

Conversions

Conversions Part 2

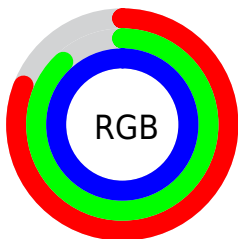
Format	Color
R _Y B	207, 220, 252
Decimal	13623804
CIE Lab	88.99, -0.52, -15.13
CIE LCh	89, 15.134, 268.022
Yxy	74.1441, 0.2842, 0.3001
Android (android.graphics.Color)	4291813884 (0xFFCFE1FC)
YUV	222.6960, 14.4469, -13.7654
Hunter-Lab	86.1070, -5.1043, -10.4441

Details

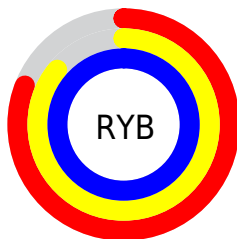
The XYZ color **70.2280, 74.1441, 102.7053** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.8307, 84.0459, 70.9953**, and the grayscale version is **69.8360, 73.4729, 80.0120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1739, 39.3650, 57.2687** is the 20% darker color. If you saturate the color by 10%, you get **59.8342, 62.9864, 101.1007**, and if you desaturate by 10%, it is **82.1118, 86.6109, 104.4865**.

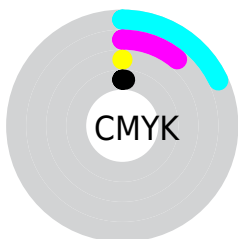
Distribution



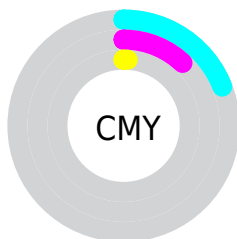
- Red (81%)
- Green (88%)
- Blue (99%)



- Red (81%)
- Yellow (86%)
- Blue (99%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2280, 74.1441, 102.7053 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 70.2280, 74.1441, 102.7053 by changing the saturation by 10% instead.

■ 70.2280, 74.1441,
102.7053

■ 70.2280, 74.1441,
102.7053

450.6041,
474.9706, 590.1523

■ 51.9927, 54.9120,
77.9323

118.5583,
125.1001, 166.9541

■ 37.2235, 39.3313,
57.5023

149.3841,
157.5927, 207.2671

■ 25.5551, 27.0175,
40.9966

185.1374,
195.2743, 253.5971

■ 16.6220, 17.5864,
27.9967

226.1835,
238.5293, 306.3628

■ 10.0590, 10.6534,
18.0842

272.8879,
287.7420, 365.9826

■ 5.5007, 5.8343,
10.8404

325.6159,

■ 2.5816, 2.7446,

343.2968, 432.8751

5.8468

384.7328,
405.5782, 507.4588

■ 0.9366, 0.9999,
2.6849

■ 0.0000, 0.0000,
0.9358

■ 70.2280, 74.1441,
102.7053

■ 70.2280, 74.1441,
102.7053

■ 59.8342, 62.9864,
101.1007

■ 82.1118, 86.6109,
104.4865

■ 50.8611, 53.0827,
99.6620

94.5709, 99.8084,
106.3772

■ 43.2439, 44.3869,
98.3850

■ 36.9094, 36.8462,
97.2634

■ 31.7772, 30.4033,
96.2903

■ 27.7565, 24.9949,
95.4582

■ 24.7417, 20.5489,
94.7590

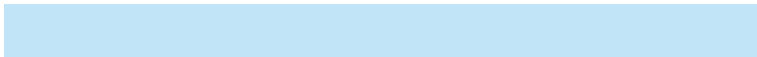
■ 22.5945, 16.9752,
94.1824

■ 22.2068, 16.3001,
94.0725

Harmonies

Analogous

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



66.7933, 74.1441, 99.1535



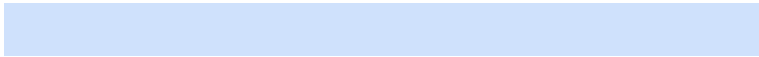
70.2280, 74.1441, 102.7053



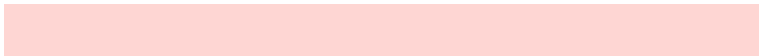
73.8460, 74.1441, 99.9572

Triad

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



70.2280, 74.1441, 102.7053



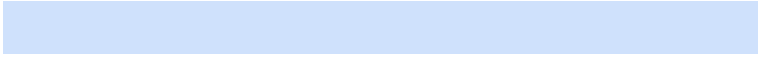
76.8993, 74.1441, 71.5859



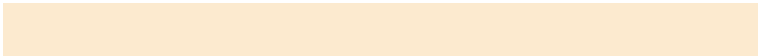
64.6428, 74.1441, 70.4744

Complementary

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



70.2280, 74.1441, 102.7053



80.8307, 84.0459, 70.9953

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.



67.2019, 74.1441, 64.1420



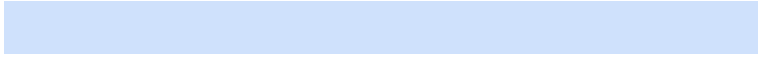
70.2280, 74.1441, 102.7053



74.2829, 74.1441, 64.7434

Square

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



70.2280, 74.1441, 102.7053



77.7767, 74.1441, 81.4312



70.7160, 74.1441, 62.1372



63.6391, 74.1441, 80.0335

Rectangle

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



70.2280, 74.1441, 102.7053



75.8596, 74.1441, 95.0452



70.7160, 74.1441, 62.1372



65.3452, 74.1441, 67.9301

Sweetspot

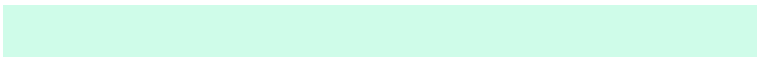
The Sweet Spot groups the original color and five complimentary colors.



70.2302, 74.1471, 102.7070



88.1220, 92.8778, 107.8904



75.2877, 88.7851, 90.4487



18.6602, 19.6714, 23.0634



0.0000, 0.0000, 0.0000



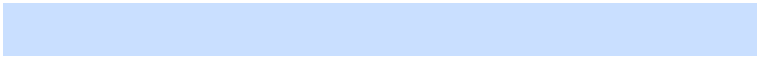
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2302, 74.1471, 102.7070



68.6124, 72.4076, 104.9676



66.6774, 65.4675, 101.2189



16.8529, 17.7826, 21.9294



11.7023, 8.7602, 49.0477



1.1844, 1.0125, 4.5762

Inverse Universe

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



76.0501, 70.7590, 80.8872



75.5339, 68.5643, 78.9757



84.8743, 94.1293, 72.7285



17.5323, 17.3403, 19.3928



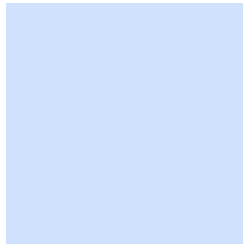
22.1988, 11.2952, 7.7554



2.1068, 1.0664, 0.9856

Previews

White Background



This preview shows how the XYZ color 70.2280, 74.1441, 102.7053 looks on a white background.

Color Contrast Check

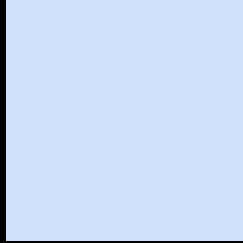
Large Text (above 18pt) WCAG AA × Fail

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 70.2280, 74.1441, 102.7053 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

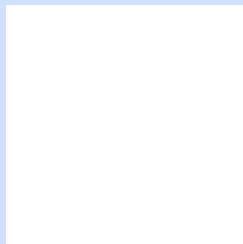
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2280, 74.1441, 102.7053

Background



This preview shows how black text looks on a background with the XYZ color 70.2280, 74.1441, 102.7053.



This preview shows how white text looks on a background with the XYZ color 70.2280, 74.1441,

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

70.2280, 74.1441, 102.7053

Protanopia

72.5900, 74.2047, 100.9395

Deuteranopia

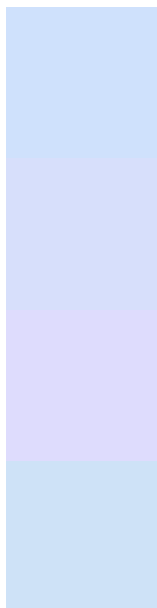
75.6572, 73.7704, 104.0175



Tritanopia

68.9791, 74.0462, 96.2447

Trichromacy



Original Color

70.2280, 74.1441, 102.7053

Protanomaly

71.8246, 74.1875, 101.8008

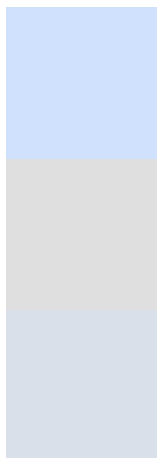
Deuteranomaly

73.4470, 73.8078, 103.3038

Tritanomaly

69.4385, 74.2299, 98.6637

Monochromacy



Original Color

70.2280, 74.1441, 102.7053

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1222, 74.0035, 88.4302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2280, 74.1441, 102.7053 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(207, 225, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 252)  
}
```

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(207, 225, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 252) }
```

Border

The CSS property to change the border of an element to XYZ 70.2280, 74.1441, 102.7053 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(207, 225, 252) }
```


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

```
.border{ border-color:rgb(207, 225, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 225, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 225, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 225, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 225,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2280, 74.1441, 102.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 225, 252) }
```

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

```
.background{ background-color: rgb(207,  
225, 252) }
```

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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