

Converting Colors

XYZ(71.7124, 73.3672,
106.8294)

Have a look what the booklet for
XYZ(71.7124, 73.3672, 106.8294)
contains.

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Color

**XYZ(71.3470, 73.0790,
104.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DDFF
RGB	213, 221, 255
RGB Percent	84%, 87%, 100%
CMY	0.1647, 0.1333, 0.0000
CMYK	0.16, 0.13, 0.00, 0.00
HSL	229°, 100%, 92%
HSV	229°, 16%, 100%
XYZ	71.3470, 73.0790, 104.9530
YIQ	222.4840, -15.6820, 8.8780

Conversions

Conversions Part 2

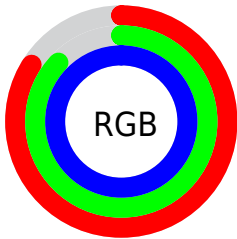
Format	Color
R _Y B	213, 220, 255
Decimal	14015999
CIE Lab	88.49, 4.04, -17.42
CIE LCh	88, 17.880, 283.069
Yxy	73.0790, 0.2861, 0.2930
Android (android.graphics.Color)	4292206079 (0xFFD5DDFF)
YUV	222.4840, 16.0304, -8.3175
Hunter-Lab	85.4863, -0.6245, -12.9510

Details

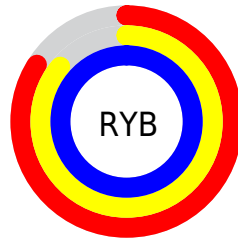
The XYZ color **71.3470, 73.0790, 104.9530** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5106, 92.5844, 76.2634**, and the grayscale version is **69.6731, 73.3015, 79.8254**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9298, 38.6188, 58.8811** is the 20% darker color. If you saturate the color by 10%, you get **59.4053, 59.3255, 102.9277**, and if you desaturate by 10%, it is **85.1257, 88.7779, 107.2570**.

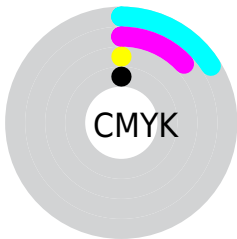
Distribution



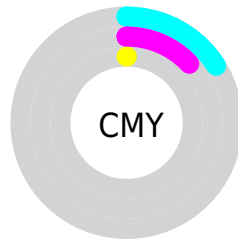
- Red (84%)
- Green (87%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3470, 73.0790, 104.9530 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 71.3470, 73.0790, 104.9530 by changing the saturation by 10% instead.

■ 71.3470, 73.0790,
104.9530

■ 71.3470, 73.0790,
104.9530

454.4585,
471.2886, 597.3402

■ 52.9090, 54.0406,
79.8035

120.1435,
123.5894, 170.0583

■ 37.9573, 38.6341,
59.0315

151.2327,
155.8301, 210.8512

■ 26.1266, 26.4752,
42.2183

187.2697,
193.2403, 257.6956

■ 17.0516, 17.1795,
28.9454

228.6198,
236.2045, 311.0102

■ 10.3668, 10.3625,
18.7943

275.6484,
285.1070, 371.2134

■ 5.7069, 5.6400,
11.3464

328.7208,

■ 2.7067, 2.6274,

340.3323, 438.7237

6.1833

388.2024,
402.2647, 513.9598

■ 1.0006, 0.9405,
2.8862

■ 0.0000, 0.0000,
1.0368

■ 71.3470, 73.0790,
104.9530

■ 71.3470, 73.0790,
104.9530

■ 59.4053, 59.3255,
102.9277

■ 85.1257, 88.7779,
107.2570

■ 49.2161, 47.4322,
101.1691

95.0500, 100.0000,
108.9000

■ 40.6973, 37.3206,
99.6664

■ 33.7576, 28.9031,
98.4074

■ 28.2969, 22.0844,
97.3791

■ 24.2029, 16.7593,
96.5670

■ 21.3465, 12.8090,
95.9550

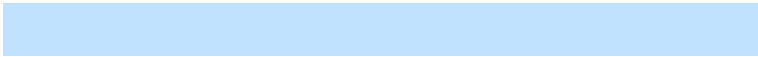
■ 19.5708, 10.0944,
95.5247

■ 19.1312, 9.3823,
95.4104

Harmonies

Analogous

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



67.0780, 73.0790, 104.4569



71.3470, 73.0790, 104.9530



75.2634, 73.0790, 98.1642

Triad

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



71.3470, 73.0790, 104.9530



75.6799, 73.0790, 64.4630



61.8419, 73.0790, 72.8685

Complementary

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



71.3470, 73.0790, 104.9530



86.5106, 92.5844, 76.2634

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.



63.9618, 73.0790, 63.4870



71.3470, 73.0790, 104.9530



71.8965, 73.0790, 58.9887

Square

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



71.3470, 73.0790, 104.9530



77.8336, 73.0790, 74.3322



67.6054, 73.0790, 58.6509



61.7085, 73.0790, 85.0495

Rectangle

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



71.3470, 73.0790, 104.9530



77.0993, 73.0790, 90.7910



67.6054, 73.0790, 58.6509



62.3417, 73.0790, 69.3150

Sweetspot

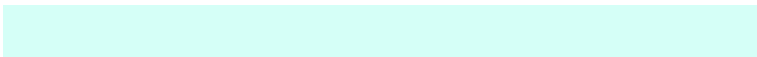
The Sweet Spot groups the original color and five complimentary colors.



71.3490, 73.0819, 104.9535



87.3093, 91.2525, 107.6195



79.9282, 92.3573, 101.2869



18.4632, 19.2774, 22.9977



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.



71.3490, 73.0819, 104.9535



66.9270, 68.0077, 104.2071



73.0842, 70.9142, 104.4436



17.2831, 17.9377, 22.8014



10.0758, 5.0612, 49.8804



1.0516, 0.6338, 4.8802

Inverse Universe

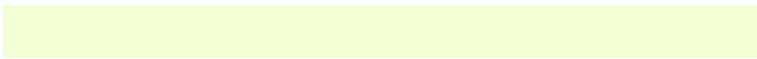
The Inverse Universe completely reimagines the original color for something new.



78.0867, 74.0705, 78.5914



74.9344, 69.2864, 72.8535



84.5262, 95.2725, 76.8869



18.1508, 18.0436, 19.4111



21.8740, 11.2389, 2.7210



2.1654, 1.1085, 0.4524

Previews

White Background



This preview shows how the XYZ color 71.3470, 73.0790, 104.9530 looks on a white background.

Color Contrast Check

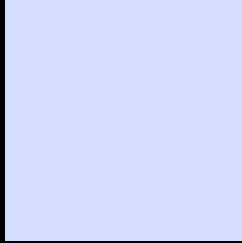
Large Text (above 18pt) WCAG AA × Fail

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 71.3470, 73.0790, 104.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

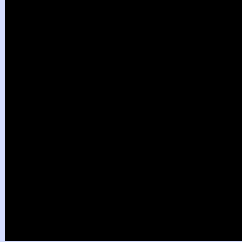
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3470, 73.0790, 104.9530

Background



This preview shows how black text looks on a background with the XYZ color 71.3470, 73.0790, 104.9530.

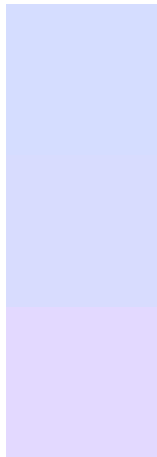


This preview shows how white text looks on a background with the XYZ color 71.3470, 73.0790,

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

71.3470, 73.0790, 104.9530

Protanopia

71.8015, 72.9411, 104.0606

Deuteranopia

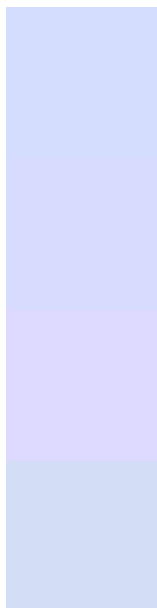
74.5414, 73.1766, 104.8035



Tritanopia

68.8432, 72.8279, 93.6478

Trichromacy



Original Color

71.3470, 73.0790, 104.9530

Protanomaly

71.5069, 72.7892, 104.0468

Deuteranomaly

73.2456, 72.8924, 104.8169

Tritanomaly

69.6198, 72.7453, 97.5607

Monochromacy



Original Color

71.3470, 73.0790, 104.9530

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1860, 73.2431, 88.2800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3470, 73.0790, 104.9530 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(213, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 255)  
}
```

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(213, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.3470, 73.0790, 104.9530 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(213, 221, 255) }
```


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

```
.border{ border-color:rgb(213, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3470, 73.0790, 104.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 255) }
```

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

```
.background{ background-color: rgb(213,  
221, 255) }
```

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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