

Converting Colors

XYZ(70.7915, 73.8747,
105.1359)

Have a look what the booklet for
XYZ(70.7915, 73.8747, 105.1359)
contains.

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Color

**XYZ(71.0001, 74.0866,
105.1658)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0FF
RGB	209, 224, 255
RGB Percent	82%, 88%, 100%
CMY	0.1804, 0.1215, 0.0000
CMYK	0.18, 0.12, 0.00, 0.00
HSL	220°, 100%, 91%
HSV	220°, 18%, 100%
XYZ	71.0001, 74.0866, 105.1658
YIQ	223.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

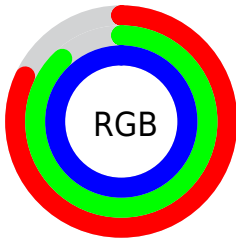
Format	Color
R _Y B	209, 220, 255
Decimal	13754623
CIE Lab	88.96, 1.25, -16.73
CIE LCh	89, 16.773, 274.257
Yxy	74.0866, 0.2837, 0.2960
Android (android.graphics.Color)	4291944703 (0xFFD1E0FF)
YUV	223.0490, 15.7518, -12.3210
Hunter-Lab	86.0736, -3.3882, -12.1898

Details

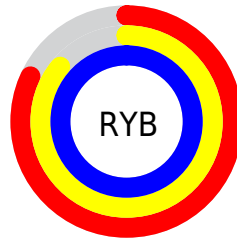
The XYZ color **71.0001, 74.0866, 105.1658** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9083, 88.1823, 72.9216**, and the grayscale version is **70.0770, 73.7265, 80.2881**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7074, 39.3232, 59.0288** is the 20% darker color. If you saturate the color by 10%, you get **59.9678, 61.8883, 103.3927**, and if you desaturate by 10%, it is **83.6578, 87.8194, 107.1493**.

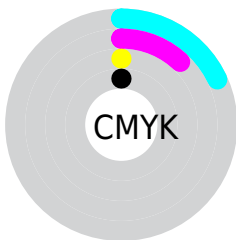
Distribution



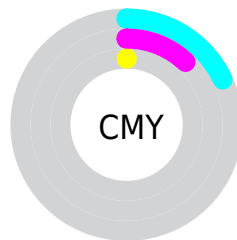
- Red (82%)
- Green (88%)
- Blue (100%)



- Red (82%)
- Yellow (86%)
- Blue (100%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0001, 74.0866, 105.1658 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 71.0001, 74.0866, 105.1658 by changing the saturation by 10% instead.

■ 71.0001, 74.0866,
105.1658

■ 71.0001, 74.0866,
105.1658

453.2656,
474.7722, 598.0183

■ 52.6248, 54.8649,
79.9808

119.6524,
125.0186, 170.3518

■ 37.7296, 39.2936,
59.1765

150.6601,
157.4976, 211.1899

■ 25.9492, 26.9882,
42.3343

186.6093,
195.1646, 258.0828

■ 16.9181, 17.5644,
29.0356

227.8654,
238.4039, 311.4491

■ 10.2711, 10.6377,
18.8619

274.7937,
287.5999, 371.7072

■ 5.6427, 5.8238,
11.3948

327.7596,

■ 2.6676, 2.7382,

343.1371, 439.2758

6.2155

387.1285,
405.3997, 514.5733

■ 0.9805, 0.9966,
2.9057

■ 0.0000, 0.0000,
1.0467

■ 71.0001, 74.0866,
105.1658

■ 71.0001, 74.0866,
105.1658

■ 59.9678, 61.8883,
103.3927

■ 83.6578, 87.8194,
107.1493

■ 50.4863, 51.1600,
101.8217

95.0500, 100.0000,
108.9000

■ 42.4839, 41.8450,
100.4455

■ 35.8805, 33.8795,
99.2560

■ 30.5879, 27.1943,
98.2446

■ 26.5071, 21.7129,
97.4017

■ 23.5227, 17.3487,
96.7166

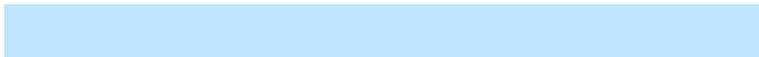
■ 21.4837, 13.9945,
96.1766

■ 21.1563, 13.4325,
96.0854

Harmonies

Analogous

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



67.0701, 74.0866, 102.6043



71.0001, 74.0866, 105.1658



74.9182, 74.0866, 100.6620

Triad

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



71.0001, 74.0866, 105.1658



77.0904, 74.0866, 68.6894



63.5957, 74.0866, 71.3131

Complementary

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



71.0001, 74.0866, 105.1658



83.9083, 88.1823, 72.9216

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.



66.1000, 74.0866, 63.5136



71.0001, 74.0866, 105.1658



73.8736, 74.0866, 62.1043

Square

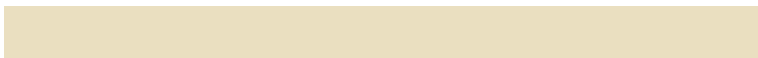
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0001, 74.0866, 105.1658



78.5193, 74.0866, 79.0140



69.8373, 74.0866, 60.3042



62.8923, 74.0866, 82.3443

Rectangle

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



71.0001, 74.0866, 105.1658



76.9668, 74.0866, 94.4916



69.8373, 74.0866, 60.3042



64.2499, 74.0866, 68.2625

Sweetspot

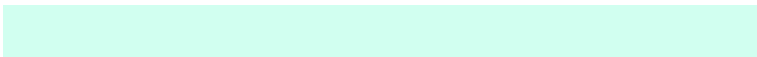
The Sweet Spot groups the original color and five complimentary colors.



71.0021, 74.0895, 105.1662



87.8340, 92.3018, 107.7944



77.7340, 91.3472, 95.7141



18.5904, 19.5317, 23.0401



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.



71.0021, 74.0895, 105.1662



66.4404, 69.0760, 104.4389



69.3679, 67.5231, 103.9849



17.4868, 18.3452, 22.8693



11.1747, 7.2590, 50.2467



1.1827, 0.8961, 4.9239

Inverse Universe

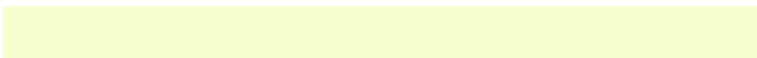
The Inverse Universe completely reimagines the original color for something new.



77.4963, 72.2442, 80.3844



74.1905, 67.0809, 74.8180



85.7445, 95.9585, 74.3258



18.2536, 18.0848, 19.9526



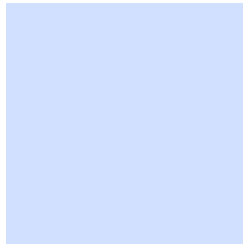
22.4287, 11.4608, 5.6419



2.2316, 1.1350, 0.8009

Previews

White Background



This preview shows how the XYZ color 71.0001, 74.0866, 105.1658 looks on a white background.

Color Contrast Check

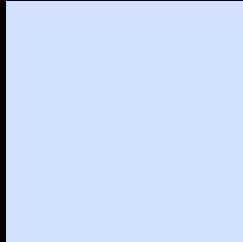
Large Text (above 18pt) WCAG AA × Fail

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 71.0001, 74.0866, 105.1658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

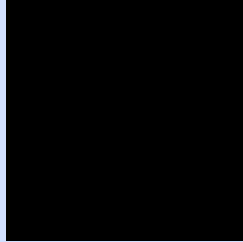
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0001, 74.0866, 105.1658

Background



This preview shows how black text looks on a background with the XYZ color 71.0001, 74.0866, 105.1658.



This preview shows how white text looks on a background with the XYZ color 71.0001, 74.0866,

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

71.0001, 74.0866, 105.1658

Protanopia

72.4995, 73.7102, 103.3349

Deuteranopia

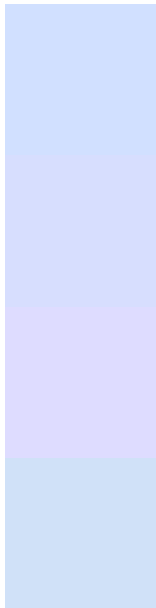
75.4345, 74.0208, 104.9194



Tritanopia

69.2576, 74.1898, 96.2577

Trichromacy



Original Color

71.0001, 74.0866, 105.1658

Protanomaly

72.0350, 73.8454, 104.2229

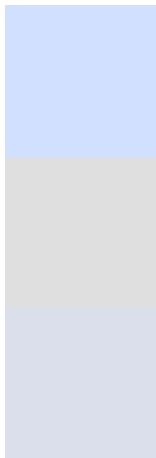
Deuteranomaly

73.7674, 73.9360, 104.9909

Tritanomaly

69.8809, 74.0376, 99.4145

Monochromacy



Original Color

71.0001, 74.0866, 105.1658

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2965, 73.6789, 89.1137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0001, 74.0866, 105.1658 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 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(209, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.0001, 74.0866, 105.1658 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, 224, 255) }
```


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

```
.border{ border-color:rgb(209, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0001, 74.0866, 105.1658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 255) }
```

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

```
.background{ background-color: rgb(209,  
224, 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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