

Converting Colors

XYZ(70.9652, 74.7836,
102.7900)

Have a look what the booklet for
XYZ(70.9652, 74.7836, 102.7900)
contains.

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Color

**XYZ(71.0615, 74.9763,
102.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E2FC
RGB	209, 226, 252
RGB Percent	82%, 89%, 99%
CMY	0.1804, 0.1137, 0.0118
CMYK	0.17, 0.10, 0.00, 0.01
HSL	216°, 88%, 90%
HSV	216°, 17%, 99%
XYZ	71.0615, 74.9763, 102.8220
YIQ	223.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

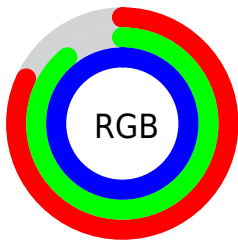
Format	Color
R _Y B	209, 221, 252
Decimal	13755132
CIE Lab	89.38, -0.43, -14.52
CIE LCh	89, 14.531, 268.312
Yxy	74.9763, 0.2855, 0.3013
Android (android.graphics.Color)	4291945212 (0xFFD1E2FC)
YUV	223.8810, 13.8627, -13.0506
Hunter-Lab	86.5889, -5.0396, -9.7931

Details

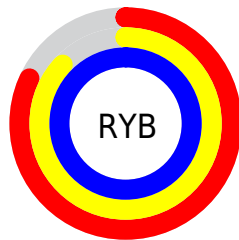
The XYZ color **71.0615, 74.9763, 102.8220** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3623, 84.7153, 72.3865**, and the grayscale version is **70.6820, 74.3630, 80.9813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7397, 39.9360, 57.3491** is the 20% darker color. If you saturate the color by 10%, you get **60.5277, 63.6683, 101.1957**, and if you desaturate by 10%, it is **83.0957, 87.6081, 104.6271**.

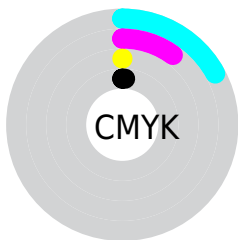
Distribution



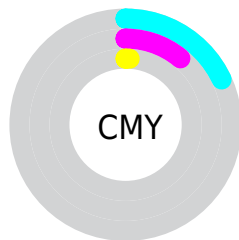
- Red (82%)
- Green (89%)
- Blue (99%)



- Red (82%)
- Yellow (87%)
- Blue (99%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0615, 74.9763, 102.8220 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 71.0615, 74.9763, 102.8220 by changing the saturation by 10% instead.

■ 71.0615, 74.9763,
102.8220

■ 71.0615, 74.9763,
102.8220

453.4769,
477.8361, 590.5266

■ 52.6751, 55.5935,
78.0294

119.7393,
126.2788, 167.1155

■ 37.7699, 39.8771,
57.5816

150.7615,
158.9673, 207.4534

■ 25.9806, 27.4427,
41.0599

186.7262,
196.8598, 253.8103

■ 16.9417, 17.9060,
28.0458

227.9990,
240.3407, 306.6046

■ 10.2880, 10.8825,
18.1209

274.9451,
289.7943, 366.2548

■ 5.6540, 5.9879,
10.8664

327.9298,

■ 2.6745, 2.8377,

345.6052, 433.1795

5.8641

387.3187,
408.1577, 507.7973

■ 0.9841, 1.0476,
2.6951

■ 0.0000, 0.0000,
0.9410

■ 71.0615, 74.9763,
102.8220

■ 71.0615, 74.9763,
102.8220

■ 60.5277, 63.6683,
101.1957

■ 83.0957, 87.6081,
104.6271

■ 51.4251, 53.6285,
99.7376

94.5709, 99.8084,
106.3772

■ 43.6889, 44.8107,
98.4434

■ 37.2462, 37.1620,
97.3066

■ 32.0171, 30.6249,
96.3204

■ 27.9114, 25.1361,
95.4773

■ 24.8247, 20.6236,
94.7690

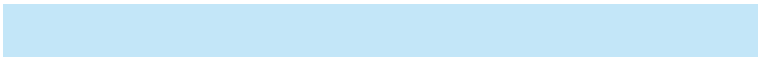
■ 22.6260, 17.0010,
94.1857

■ 22.0942, 16.0749,
94.0349

Harmonies

Analogous

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



67.7302, 74.9763, 99.4637



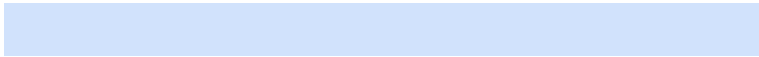
71.0615, 74.9763, 102.8220



74.5559, 74.9763, 100.1231

Triad

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



71.0615, 74.9763, 102.8220



77.4550, 74.9763, 72.6946



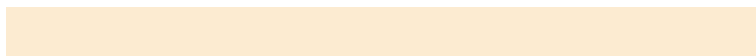
65.6000, 74.9763, 71.7737

Complementary

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



71.0615, 74.9763, 102.8220



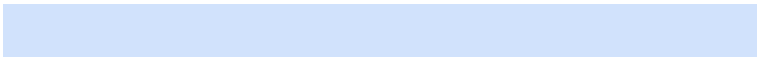
81.3623, 84.7153, 72.3865

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.



68.0680, 74.9763, 65.5781



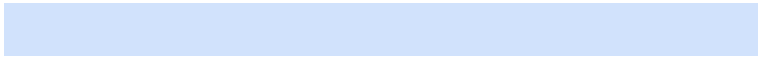
71.0615, 74.9763, 102.8220



74.9160, 74.9763, 66.0778

Square

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



71.0615, 74.9763, 102.8220



78.3200, 74.9763, 82.2146



71.4643, 74.9763, 63.5812



64.6427, 74.9763, 81.0610

Rectangle

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



71.0615, 74.9763, 102.8220



76.4932, 74.9763, 95.3684



71.4643, 74.9763, 63.5812



66.2763, 74.9763, 69.2902

Sweetspot

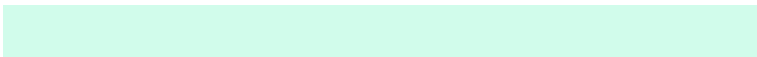
The Sweet Spot groups the original color and five complimentary colors.



71.0638, 74.9794, 102.8237



88.1038, 92.8415, 107.8844



76.0728, 89.1641, 91.6481



18.6558, 19.6626, 23.0619



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.



71.0638, 74.9794, 102.8237



69.6522, 73.4581, 105.1155



67.9003, 66.8218, 101.4158



16.8461, 17.7691, 21.9272



11.6428, 8.6412, 49.0278



1.1785, 1.0006, 4.5742

Inverse Universe

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



76.6746, 71.7890, 81.7705



76.3100, 69.8366, 80.0971



84.9254, 94.1272, 74.0154



17.5289, 17.3389, 19.3747



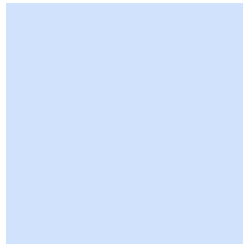
22.1688, 11.2832, 7.5972



2.1038, 1.0652, 0.9698

Previews

White Background



This preview shows how the XYZ color 71.0615, 74.9763, 102.8220 looks on a white background.

Color Contrast Check

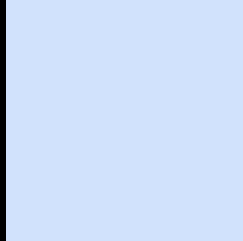
Large Text (above 18pt) WCAG AA × Fail

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 71.0615, 74.9763, 102.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

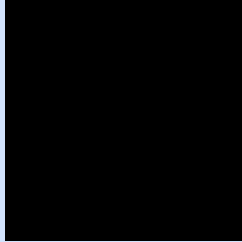
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

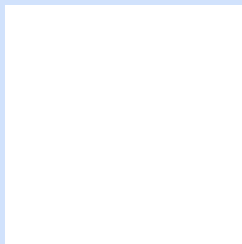
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0615, 74.9763, 102.8220

Background



This preview shows how black text looks on a background with the XYZ color 71.0615, 74.9763, 102.8220.



This preview shows how white text looks on a background with the XYZ color 71.0615, 74.9763,

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

71.0615, 74.9763, 102.8220

Protanopia

73.4618, 75.0496, 101.0567

Deuteranopia

76.4996, 74.9746, 104.2055



Tritanopia

69.9629, 74.9406, 97.1637

Trichromacy



Original Color

71.0615, 74.9763, 102.8220

Protanomaly

72.6835, 75.0281, 101.9178

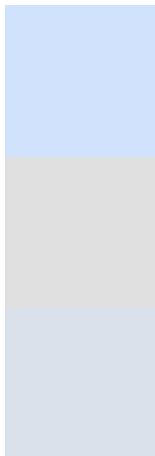
Deuteranomaly

74.5914, 75.1817, 103.5086

Tritanomaly

70.4248, 75.1254, 99.5958

Monochromacy



Original Color

71.0615, 74.9763, 102.8220

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9899, 74.8510, 88.5480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0615, 74.9763, 102.8220 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, 226, 252) looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 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(209, 226, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.0615, 74.9763, 102.8220 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, 226, 252) }
```


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

```
.border{ border-color:rgb(209, 226, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 226, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 252);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0615, 74.9763, 102.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 252) }
```

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

```
.background{ background-color: rgb(209,  
226, 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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