

Converting Colors

XYZ(71.2827, 74.2482,
105.1821)

Have a look what the booklet for
XYZ(71.2827, 74.2482, 105.1821)
contains.

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Color

**XYZ(71.2840, 74.2329,
105.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E0FF
RGB	210, 224, 255
RGB Percent	82%, 88%, 100%
CMY	0.1765, 0.1216, 0.0000
CMYK	0.18, 0.12, 0.00, 0.00
HSL	221°, 100%, 91%
HSV	221°, 18%, 100%
XYZ	71.2840, 74.2329, 105.1791
YIQ	223.3480, -18.2950, 6.6730

Conversions

Conversions Part 2

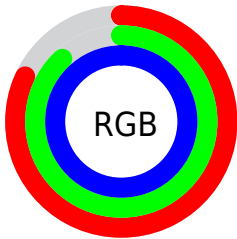
Format	Color
R_{YB}	210, 221, 255
Decimal	13820159
CIE Lab	89.03, 1.55, -16.62
CIE LCh	89, 16.688, 275.334
Yxy	74.2329, 0.2843, 0.2961
Android (android.graphics.Color)	4292010239 (0xFFD2E0FF)
YUV	223.3480, 15.6044, -11.7062
Hunter-Lab	86.1585, -3.0939, -12.0681

Details

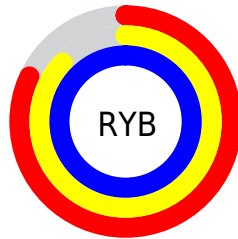
The XYZ color **71.2840, 74.2329, 105.1791** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3279, 88.8227, 73.6745**, and the grayscale version is **70.2902, 73.9507, 80.5323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8986, 39.4217, 59.0378** is the 20% darker color. If you saturate the color by 10%, you get **60.1151, 61.8271, 103.3732**, and if you desaturate by 10%, it is **84.1014, 88.2163, 107.2026**.

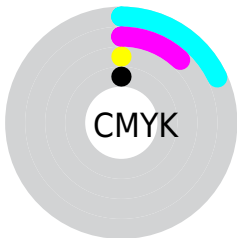
Distribution



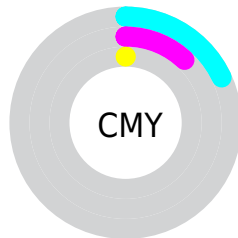
- Red (82%)
- Green (88%)
- Blue (100%)



- Red (82%)
- Yellow (87%)
- 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 71.2840, 74.2329, 105.1791 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 71.2840, 74.2329, 105.1791 by changing the saturation by 10% instead.

■ 71.2840, 74.2329,
105.1791

■ 71.2840, 74.2329,
105.1791

454.2420,
475.2768, 598.0607

■ 52.8574, 54.9847,
79.9919

120.0543,
125.2259, 170.3701

■ 37.9159, 39.3895,
59.1856

151.1288,
157.7395, 211.2111

■ 26.0944, 27.0628,
42.3415

187.1498,
195.4436, 258.1070

■ 17.0273, 17.6204,
29.0412

228.4828,
238.7227, 311.4765

■ 10.3494, 10.6778,
18.8662

275.4932,
287.9612, 371.7381

■ 5.6953, 5.8506,
11.3978

328.5463,

■ 2.6996, 2.7545,

343.5435, 439.3103

6.2175

388.0075,
405.8539, 514.6116

■ 0.9970, 1.0049,
2.9069

■ 0.0000, 0.0000,
1.0473

■ 71.2840, 74.2329,
105.1791

■ 71.2840, 74.2329,
105.1791

■ 60.1151, 61.8271,
103.3732

■ 84.1014, 88.2163,
107.2026

■ 50.5192, 50.9324,
101.7760

95.0500, 100.0000,
108.9000

■ 42.4239, 41.4904,
100.3802

■ 35.7481, 33.4352,
99.1773

■ 30.4030, 26.6953,
98.1580

■ 26.2885, 21.1920,
97.3126

■ 23.2888, 16.8361,
96.6300

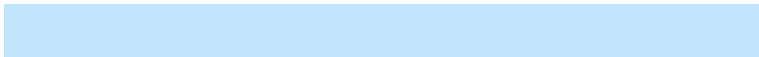
■ 21.2556, 13.5196,
96.0970

■ 20.8713, 12.8625,
95.9904

Harmonies

Analogous

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



67.3499, 74.2329, 102.8813



71.2840, 74.2329, 105.1791



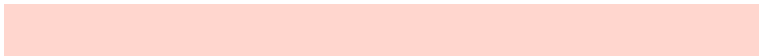
75.1654, 74.2329, 100.4606

Triad

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



71.2840, 74.2329, 105.1791



77.1145, 74.2329, 68.5803



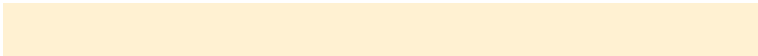
63.7006, 74.2329, 71.8559

Complementary

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



71.2840, 74.2329, 105.1791



84.3279, 88.8227, 73.6745

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.



66.1392, 74.2329, 63.9341



71.2840, 74.2329, 105.1791



73.8625, 74.2329, 62.1738

Square

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



71.2840, 74.2329, 105.1791



78.6132, 74.2329, 78.7674



69.8333, 74.2329, 60.5576



63.0693, 74.2329, 82.9223

Rectangle

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



71.2840, 74.2329, 105.1791



77.1699, 74.2329, 94.2144



69.8333, 74.2329, 60.5576



64.3315, 74.2329, 68.7720

Sweetspot

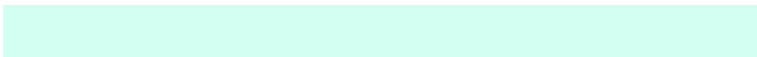
The Sweet Spot groups the original color and five complimentary colors.



71.2860, 74.2359, 105.1795



87.7758, 92.1854, 107.7750



78.1791, 91.5580, 96.5761



18.5763, 19.5035, 23.0354



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.



71.2860, 74.2359, 105.1795



67.3594, 69.9016, 104.5499



70.0862, 68.2588, 104.0891



17.4641, 18.2998, 22.8617



11.0219, 6.9534, 50.1958



1.1656, 0.8619, 4.9182

Inverse Universe

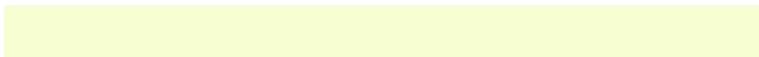
The Inverse Universe completely reimagines the original color for something new.



77.7424, 72.7366, 80.4664



74.9014, 68.3113, 75.6451



85.6630, 95.9021, 74.9705



18.2421, 18.0802, 19.8923



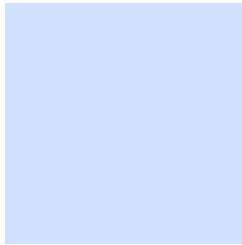
22.3516, 11.4299, 5.2358



2.2230, 1.1316, 0.7555

Previews

White Background



This preview shows how the XYZ color 71.2840, 74.2329, 105.1791 looks on a white background.

Color Contrast Check

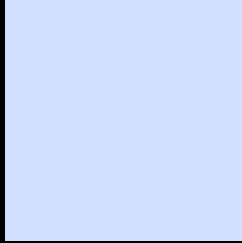
Large Text (above 18pt) WCAG AA × Fail

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 71.2840, 74.2329, 105.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

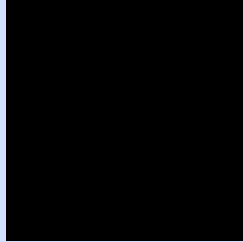
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2840, 74.2329, 105.1791

Background



This preview shows how black text looks on a background with the XYZ color 71.2840, 74.2329, 105.1791.



This preview shows how white text looks on a background with the XYZ color 71.2840, 74.2329,

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

71.2840, 74.2329, 105.1791

Protanopia

72.7643, 74.2398, 103.4231

Deuteranopia

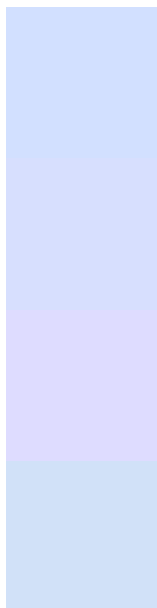
75.4345, 74.0208, 104.9194



Tritanopia

69.5379, 74.3343, 96.2709

Trichromacy



Original Color

71.2840, 74.2329, 105.1791

Protanomaly

72.3014, 74.3782, 104.3117

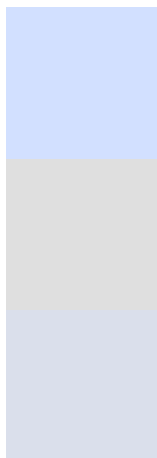
Deuteranomaly

73.7674, 73.9360, 104.9909

Tritanomaly

70.1630, 74.1830, 99.4277

Monochromacy



Original Color

71.2840, 74.2329, 105.1791

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 71.2840, 74.2329, 105.1791 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(210, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2840, 74.2329, 105.1791 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(210, 224, 255) }
```


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

```
.border{ border-color:rgb(210, 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(210, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2840, 74.2329, 105.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 255) }
```

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

```
.background{ background-color: rgb(210,  
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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