

Converting Colors

XYZ(70.5511, 74.1641,
105.2621)

Have a look what the booklet for
XYZ(70.5511, 74.1641, 105.2621)
contains.

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Color

**XYZ(70.7073, 74.3358,
105.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE1FF
RGB	207, 225, 255
RGB Percent	81%, 88%, 100%
CMY	0.1882, 0.1176, 0.0000
CMYK	0.19, 0.12, 0.00, 0.00
HSL	217°, 100%, 91%
HSV	217°, 19%, 100%
XYZ	70.7073, 74.3358, 105.2293
YIQ	223.0380, -20.3580, 5.5140

Conversions

Conversions Part 2

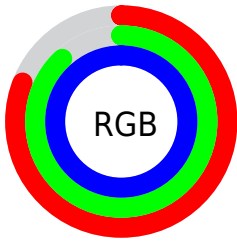
Format	Color
R_{YB}	207, 220, 255
Decimal	13623807
CIE Lab	89.08, 0.11, -16.56
CIE LCh	89, 16.564, 270.394
Yxy	74.3358, 0.2825, 0.2970
Android (android.graphics.Color)	4291813887 (0xFFCFE1FF)
YUV	223.0380, 15.7573, -14.0653
Hunter-Lab	86.2182, -4.4945, -12.0107

Details

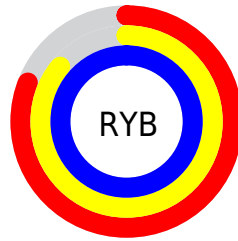
The XYZ color **70.7073, 74.3358, 105.2293** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.7863, 86.3322, 71.3336**, and the grayscale version is **70.0699, 73.7190, 80.2800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5167, 39.5021, 59.0734** is the 20% darker color. If you saturate the color by 10%, you get **60.0415, 62.7394, 103.5531**, and if you desaturate by 10%, it is **82.9298, 87.3354, 107.0943**.

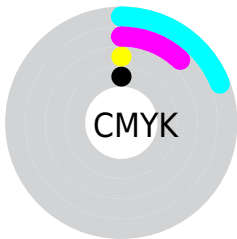
Distribution



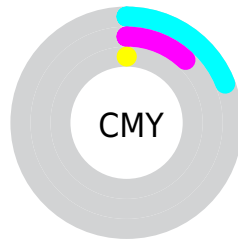
- Red (81%)
- Green (88%)
- Blue (100%)



- Red (81%)
- Yellow (86%)
- Blue (100%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7073, 74.3358, 105.2293 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 70.7073, 74.3358, 105.2293 by changing the saturation by 10% instead.

■ 70.7073, 74.3358,
105.2293

■ 70.7073, 74.3358,
105.2293

452.2573,
475.6315, 598.2206

■ 52.3850, 55.0689,
80.0337

119.2376,
125.3717, 170.4394

■ 37.5376, 39.4569,
59.2198

150.1764,
157.9095, 211.2910

■ 25.7996, 27.1154,
42.3689

186.0515,
195.6398, 258.1984

■ 16.8057, 17.6599,
29.0625

227.2281,
238.9469, 311.5800

■ 10.1905, 10.7061,
18.8821

274.0716,
288.2152, 371.8546

■ 5.5887, 5.8696,
11.4092

326.9474,

■ 2.6349, 2.7659,

343.8292, 439.4405

6.2252

386.2209,
406.1731, 514.7563

■ 0.9638, 1.0108,
2.9115

■ 0.0000, 0.0000,
1.0496

■ 70.7073, 74.3358,
105.2293

■ 70.7073, 74.3358,
105.2293

■ 60.0415, 62.7394,
103.5531

■ 82.9298, 87.3354,
107.0943

■ 50.8602, 52.4870,
102.0581

95.0500, 100.0000,
108.9000

■ 43.0943, 43.5279,
100.7382

■ 36.6666, 35.8046,
99.5862

■ 31.4916, 29.2544,
98.5946

■ 27.4732, 23.8077,
97.7551

■ 24.4987, 19.3858,
97.0584

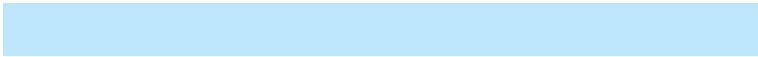
■ 22.4103, 15.8848,
96.4927

■ 22.2003, 15.5205,
96.4334

Harmonies

Analogous

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



66.8933, 74.3358, 101.8151



70.7073, 74.3358, 105.2293



74.6488, 74.3358, 101.6372

Triad

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



70.7073, 74.3358, 105.2293



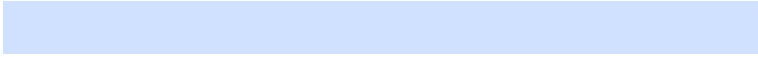
77.5532, 74.3358, 70.2188



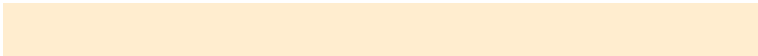
64.1265, 74.3358, 70.4598

Complementary

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



70.7073, 74.3358, 105.2293



82.7863, 86.3322, 71.3336

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.



66.8043, 74.3358, 63.2609



70.7073, 74.3358, 105.2293



74.5530, 74.3358, 63.1314

Square

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



70.7073, 74.3358, 105.2293



78.6921, 74.3358, 80.7864



70.6006, 74.3358, 60.7078



63.1827, 74.3358, 81.0919

Rectangle

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



70.7073, 74.3358, 105.2293



76.7959, 74.3358, 95.9321



70.6006, 74.3358, 60.7078



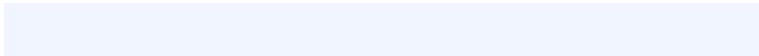
64.8486, 74.3358, 67.5957

Sweetspot

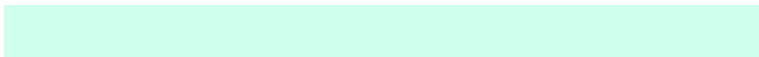
The Sweet Spot groups the original color and five complimentary colors.



70.7093, 74.3388, 105.2298



86.6686, 91.2633, 107.6554



76.7206, 90.8769, 93.3128



18.3630, 19.3373, 23.0146



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.



70.7093, 74.3388, 105.2298



66.0677, 69.3260, 104.5069



67.6888, 65.9336, 103.7666



17.5612, 18.4940, 22.8941



11.7315, 8.3727, 50.4324



1.2431, 1.0169, 4.9440

Inverse Universe

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



77.1447, 71.3234, 80.9384



73.7594, 65.9781, 75.4159



86.2326, 96.2385, 73.0641



18.2911, 18.0998, 20.1503



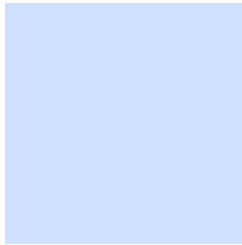
22.7097, 11.5732, 7.1219



2.2621, 1.1472, 0.9615

Previews

White Background



This preview shows how the XYZ color 70.7073, 74.3358, 105.2293 looks on a white background.

Color Contrast Check

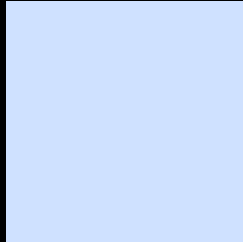
Large Text (above 18pt) WCAG AA × Fail

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 70.7073, 74.3358, 105.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

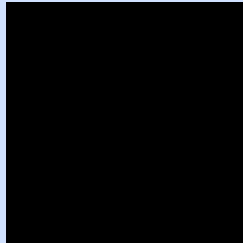
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7073, 74.3358, 105.2293

Background



This preview shows how black text looks on a background with the XYZ color 70.7073, 74.3358, 105.2293.



This preview shows how white text looks on a background with the XYZ color 70.7073, 74.3358,

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

70.7073, 74.3358, 105.2293

Protanopia

73.0643, 74.3945, 103.4372

Deuteranopia

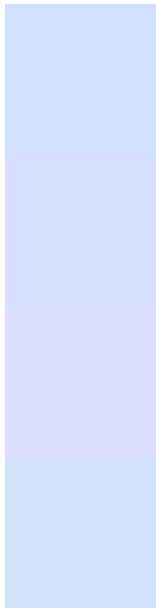
75.4345, 74.0208, 104.9194



Tritanopia

69.1274, 74.5099, 97.1246

Trichromacy



Original Color

70.7073, 74.3358, 105.2293

Protanomaly

72.3014, 74.3782, 104.3117

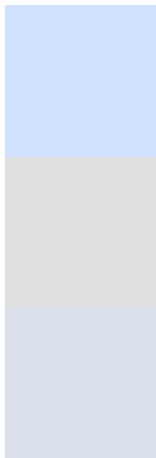
Deuteranomaly

73.7252, 74.3051, 105.0643

Tritanomaly

69.7488, 74.3541, 100.2981

Monochromacy



Original Color

70.7073, 74.3358, 105.2293

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2663, 74.0612, 89.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7073, 74.3358, 105.2293 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 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(207, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.7073, 74.3358, 105.2293 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, 255) }
```


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

```
.border{ border-color:rgb(207, 225, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7073, 74.3358, 105.2293 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, 255) }
```

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

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