

Converting Colors

XYZ(70.5249, 73.0940,
104.9992)

Have a look what the booklet for
XYZ(70.5249, 73.0940, 104.9992)
contains.

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Color

**XYZ(70.4658, 73.0179,
104.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DEFF
RGB	209, 222, 255
RGB Percent	82%, 87%, 100%
CMY	0.1804, 0.1294, 0.0000
CMYK	0.18, 0.13, 0.00, 0.00
HSL	223°, 100%, 91%
HSV	223°, 18%, 100%
XYZ	70.4658, 73.0179, 104.9877
YIQ	221.8750, -18.3410, 7.5070

Conversions

Conversions Part 2

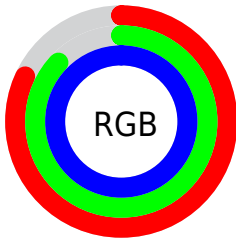
Format	Color
R _Y B	209, 219, 255
Decimal	13754111
CIE Lab	88.46, 2.29, -17.49
CIE LCh	88, 17.638, 277.461
Yxy	73.0179, 0.2836, 0.2939
Android (android.graphics.Color)	4291944191 (0xFFD1DEFF)
YUV	221.8750, 16.3306, -11.2914
Hunter-Lab	85.4505, -2.3404, -13.0306

Details

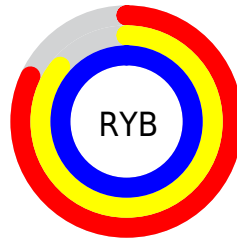
The XYZ color **70.4658, 73.0179, 104.9877** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.5004, 89.3665, 73.1191**, and the grayscale version is **69.2424, 72.8484, 79.3319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3382, 38.5847, 58.9057** is the 20% darker color. If you saturate the color by 10%, you get **59.2229, 60.3984, 103.1444**, and if you desaturate by 10%, it is **83.3944, 87.2926, 107.0615**.

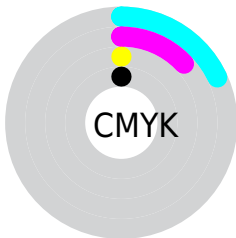
Distribution



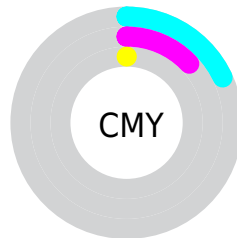
- Red (82%)
- Green (87%)
- Blue (100%)



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



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4658, 73.0179, 104.9877 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 70.4658, 73.0179, 104.9877 by changing the saturation by 10% instead.

■ 70.4658, 73.0179,
104.9877

■ 70.4658, 73.0179,
104.9877

451.4248,
471.0768, 597.4508

■ 52.1873, 53.9906,
79.8325

118.8954,
123.5026, 170.1061

■ 37.3793, 38.5941,
59.0551

149.7773,
155.7288, 210.9064

■ 25.6763, 26.4441,
42.2372

185.5910,
193.1235, 257.7588

■ 16.7131, 17.1562,
28.9601

226.7019,
236.0709, 311.0817

■ 10.1242, 10.3459,
18.8053

273.4754,
284.9556, 371.2939

■ 5.5442, 5.6289,
11.3543

326.2768,

■ 2.6080, 2.6208,

340.1619, 438.8138

6.1885

385.4715,
402.0742, 514.0599

■ 0.9500, 0.9371,
2.8894

■ 0.0000, 0.0000,
1.0384

■ 70.4658, 73.0179,
104.9877

■ 70.4658, 73.0179,
104.9877

■ 59.2229, 60.3984,
103.1444

■ 83.3944, 87.2926,
107.0615

■ 49.5883, 49.3638,
101.5223

95.0500, 100.0000,
108.9000

■ 41.4869, 39.8510,
100.1132

■ 34.8355, 31.7894,
98.9077

■ 29.5420, 25.1024,
97.8960

■ 25.5032, 19.7052,
97.0671

■ 22.5995, 15.5023,
96.4089

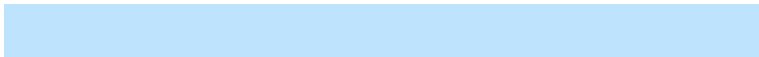
■ 20.6744, 12.3758,
95.9069

■ 20.3726, 11.8653,
95.8242

Harmonies

Analogous

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



66.3215, 73.0179, 103.0897



70.4658, 73.0179, 104.9877



74.4813, 73.0179, 99.5249

Triad

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



70.4658, 73.0179, 104.9877



76.0791, 73.0179, 66.1260



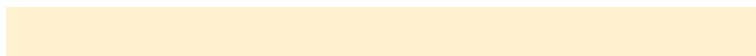
62.1372, 73.0179, 70.8820

Complementary

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



70.4658, 73.0179, 104.9877



84.5004, 89.3665, 73.1191

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.



64.5577, 73.0179, 62.3662



70.4658, 73.0179, 104.9877



72.5750, 73.0179, 59.8217

Square

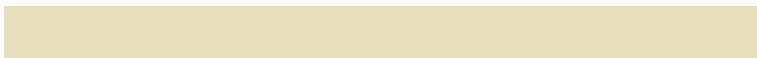
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4658, 73.0179, 104.9877



77.8069, 73.0179, 76.5094



68.3476, 73.0179, 58.5189



61.6240, 73.0179, 82.5759

Rectangle

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



70.4658, 73.0179, 104.9877



76.5070, 73.0179, 92.7421



68.3476, 73.0179, 58.5189



62.7499, 73.0179, 67.5898

Sweetspot

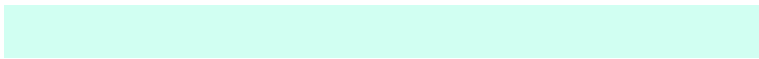
The Sweet Spot groups the original color and five complimentary colors.



70.4678, 73.0208, 104.9881



87.6652, 91.9643, 107.7382



78.0774, 91.4845, 97.5219



18.5494, 19.4499, 23.0265



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.



70.4678, 73.0208, 104.9881



65.8155, 67.8261, 104.2306



70.0551, 67.8774, 104.0171



17.4210, 18.2137, 22.8474



10.7535, 6.4166, 50.1063



1.1350, 0.8006, 4.9080

Inverse Universe

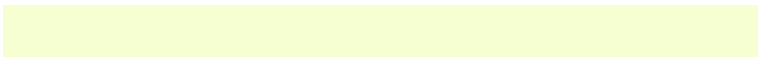
The Inverse Universe completely reimagines the original color for something new.



77.2266, 72.1364, 78.9641



73.8751, 66.9547, 73.1569



84.9370, 95.5422, 74.2881



18.2204, 18.0715, 19.7779



22.2161, 11.3757, 4.5224



2.2075, 1.1254, 0.6740

Previews

White Background



This preview shows how the XYZ color 70.4658, 73.0179, 104.9877 looks on a white background.

Color Contrast Check

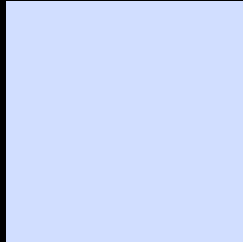
Large Text (above 18pt) WCAG AA × Fail

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 70.4658, 73.0179, 104.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

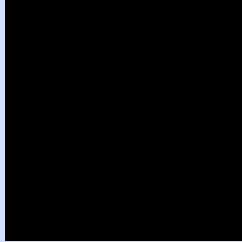
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4658, 73.0179, 104.9877

Background



This preview shows how black text looks on a background with the XYZ color 70.4658, 73.0179, 104.9877.



This preview shows how white text looks on a background with the XYZ color 70.4658, 73.0179,

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

70.4658, 73.0179, 104.9877

Protanopia

71.8015, 72.9411, 104.0606

Deuteranopia

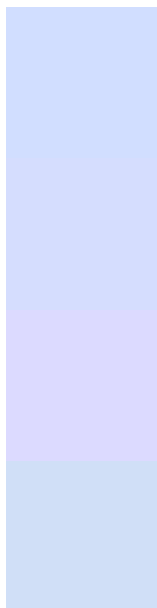
74.2844, 72.6626, 104.7178



Tritanopia

68.4148, 72.9875, 94.4866

Trichromacy



Original Color

70.4658, 73.0179, 104.9877

Protanomaly

71.1864, 73.0148, 104.1073

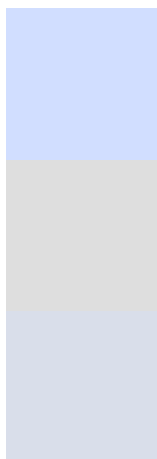
Deuteranomaly

72.6366, 72.5785, 104.7884

Tritanomaly

69.1886, 72.9006, 98.4203

Monochromacy



Original Color

70.4658, 73.0179, 104.9877

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5878, 72.9348, 88.2521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4658, 73.0179, 104.9877 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 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, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.4658, 73.0179, 104.9877 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, 222, 255) }
```


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

```
.border{ border-color:rgb(209, 222, 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, 222, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4658, 73.0179, 104.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 255) }
```

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

```
.background{ background-color: rgb(209,  
222, 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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