

Converting Colors

XYZ(70.8844, 74.1591, 96.5680)

Have a look what the booklet for
XYZ(70.8844, 74.1591, 96.5680)
contains.

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Color

**XYZ(70.8686, 74.2000,
96.9731)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E0F5
RGB	214, 224, 245
RGB Percent	84%, 88%, 96%
CMY	0.1608, 0.1215, 0.0392
CMYK	0.13, 0.09, 0.00, 0.04
HSL	221°, 61%, 90%
HSV	221°, 13%, 96%
XYZ	70.8686, 74.2000, 96.9731
YIQ	223.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

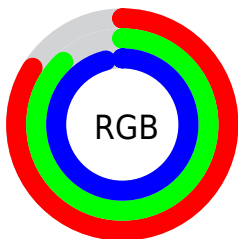
Format	Color
R _Y B	214, 222, 245
Decimal	14082293
CIE Lab	89.02, 0.73, -11.36
CIE LCh	89, 11.385, 273.698
Yxy	74.2000, 0.2928, 0.3066
Android (android.graphics.Color)	4292272373 (0xFFD6E0F5)
YUV	223.4040, 10.6468, -8.2473
Hunter-Lab	86.1394, -3.8885, -6.4493

Details

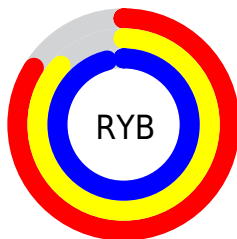
The XYZ color **70.8686, 74.2000, 96.9731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.5025, 83.6837, 75.5820**, and the grayscale version is **70.3614, 74.0257, 80.6139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6714, 39.4210, 53.7676** is the 20% darker color. If you saturate the color by 10%, you get **60.0051, 62.3006, 95.2500**, and if you desaturate by 10%, it is **83.2473, 87.5305, 98.8949**.

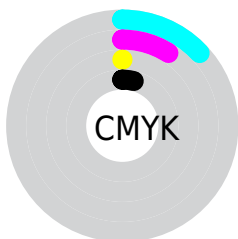
Distribution



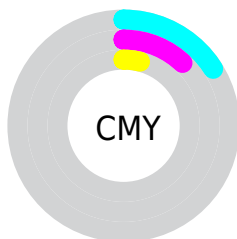
- Red (84%)
- Green (88%)
- Blue (96%)



- Red (84%)
- Yellow (87%)
- Blue (96%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8686, 74.2000, 96.9731 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 70.8686, 74.2000, 96.9731 by changing the saturation by 10% instead.

■ 70.8686, 74.2000,
96.9731

■ 70.8686, 74.2000,
96.9731

452.8129,
475.1633, 571.6074

■ 52.5171, 54.9577,
73.1723

119.4661,
125.1793, 159.0067

■ 37.6434, 39.3679,
53.6242

150.4429,
157.6851, 198.0766

■ 25.8820, 27.0460,
37.9102

186.3588,
195.3809, 243.0732

■ 16.8676, 17.6078,
25.6117

227.5792,
238.6511, 294.4153

■ 10.2348, 10.6688,
16.3102

274.4695,
287.8800, 352.5211

■ 5.6184, 5.8446,
9.5872

327.3950,

■ 2.6529, 2.7508,

343.4521, 417.8094

5.0241

386.7210,
405.7517, 490.6987

■ 0.9730, 1.0031,
2.2024

■ 0.0000, 0.0000,
0.6758

■ 70.8686, 74.2000,
96.9731

■ 70.8686, 74.2000,
96.9731

■ 60.0051, 62.3006,
95.2500

■ 83.2473, 87.5305,
98.8949

■ 50.5898, 51.7736,
93.7144

■ 93.4817, 99.3727,
100.6412

■ 42.5605, 42.5696,
92.3610

■ 35.8477, 34.6325,
91.1828

■ 30.3754, 27.9018,
90.1720

■ 26.0592, 22.3114,
89.3205

■ 22.8032, 17.7878,
88.6189

■ 20.4936, 14.2462,
88.0571

■ 19.2818, 12.1929,
87.7246

Harmonies

Analogous

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



68.1932, 74.2000, 95.2374



70.8686, 74.2000, 96.9731



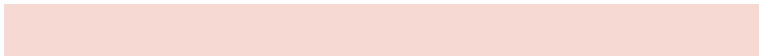
73.5185, 74.2000, 94.1449

Triad

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



70.8686, 74.2000, 96.9731



75.0453, 74.2000, 72.6277



65.8613, 74.2000, 74.2248

Complementary

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



70.8686, 74.2000, 96.9731



79.5025, 83.6837, 75.5820

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.



67.6136, 74.2000, 68.7640



70.8686, 74.2000, 96.9731



72.9091, 74.2000, 67.8851

Square

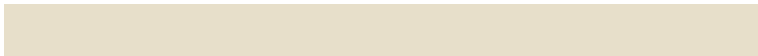
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8686, 74.2000, 96.9731



75.9694, 74.2000, 79.8124



70.1823, 74.2000, 66.5177



65.3469, 74.2000, 81.7780

Rectangle

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



70.8686, 74.2000, 96.9731



74.9007, 74.2000, 90.1537



70.1823, 74.2000, 66.5177



66.3228, 74.2000, 72.1004

Sweetspot

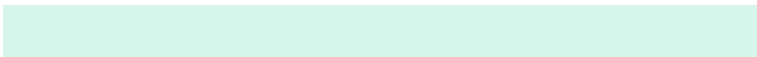
The Sweet Spot groups the original color and five complimentary colors.



70.8708, 74.2031, 96.9748



89.2319, 93.7875, 108.0075



75.3325, 85.5812, 90.8947



18.8717, 19.8305, 23.0830



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.



70.8708, 74.2031, 96.9748



74.6359, 78.0233, 105.7340



69.7929, 69.7731, 96.1765



16.0177, 16.7997, 20.9410



10.4983, 6.7903, 47.2954



1.0120, 0.7754, 4.1866

Inverse Universe

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



75.1590, 72.8890, 80.6322



80.1442, 76.4192, 84.7228



80.6699, 88.6573, 76.4805



16.7195, 16.5707, 18.2696



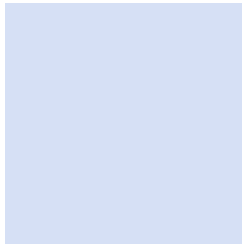
21.1035, 10.7849, 5.2537



1.8999, 0.9659, 0.6991

Previews

White Background



This preview shows how the XYZ color 70.8686, 74.2000, 96.9731 looks on a white background.

Color Contrast Check

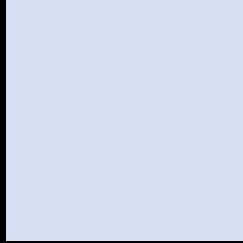
Large Text (above 18pt) WCAG AA × Fail

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 70.8686, 74.2000, 96.9731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

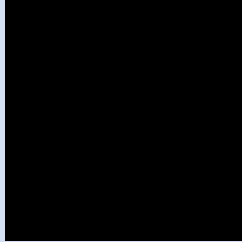
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8686, 74.2000, 96.9731

Background



This preview shows how black text looks on a background with the XYZ color 70.8686, 74.2000, 96.9731.



This preview shows how white text looks on a background with the XYZ color 70.8686, 74.2000,

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

70.8686, 74.2000, 96.9731

Protanopia

72.2692, 74.1464, 96.0906

Deuteranopia

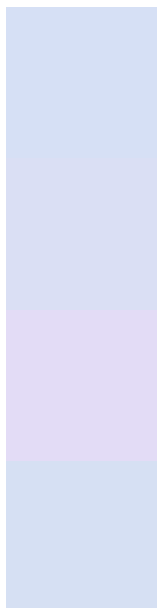
75.3791, 73.7720, 97.4553



Tritanopia

70.4142, 74.0183, 94.5801

Trichromacy



Original Color

70.8686, 74.2000, 96.9731

Protanomaly

71.6303, 74.2124, 96.1371

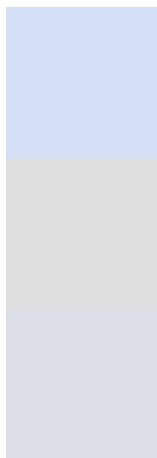
Deuteranomaly

73.9063, 74.1711, 97.6100

Tritanomaly

70.5649, 74.0785, 95.3734

Monochromacy



Original Color

70.8686, 74.2000, 96.9731

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3267, 73.7605, 86.1319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8686, 74.2000, 96.9731 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(214, 224, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 245)  
}
```

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(214, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 245) }
```

Border

The CSS property to change the border of an element to XYZ 70.8686, 74.2000, 96.9731 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(214, 224, 245) }
```


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

```
.border{ border-color:rgb(214, 224, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 224, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8686, 74.2000, 96.9731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 224, 245) }
```

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

```
.background{ background-color: rgb(214,  
224, 245) }
```

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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