

Converting Colors

XYZ(71.7218, 76.9686,
102.3431)

Have a look what the booklet for
XYZ(71.7218, 76.9686, 102.3431)
contains.

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Color

**XYZ(71.7218, 76.9686,
102.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E6FB
RGB	208, 230, 251
RGB Percent	82%, 90%, 98%
CMY	0.1843, 0.0980, 0.0157
CMYK	0.17, 0.08, 0.00, 0.02
HSL	209°, 84%, 90%
HSV	209°, 17%, 98%
XYZ	71.7218, 76.9686, 102.3431
YIQ	225.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

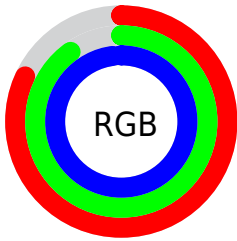
Format	Color
R _Y B	208, 223, 251
Decimal	13690619
CIE Lab	90.31, -3.01, -12.62
CIE LCh	90, 12.980, 256.569
Yxy	76.9686, 0.2857, 0.3066
Android (android.graphics.Color)	4291880699 (0xFFD0E6FB)
YUV	225.8160, 12.4157, -15.6246
Hunter-Lab	87.7318, -7.6046, -7.7523

Details

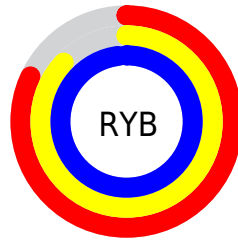
The XYZ color **71.7218, 76.9686, 102.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.1886, 81.1017, 71.1565**, and the grayscale version is **72.0812, 75.8350, 82.5843**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2044, 41.3273, 57.0023** is the 20% darker color. If you saturate the color by 10%, you get **61.9242, 67.0329, 100.9429**, and if you desaturate by 10%, it is **82.8805, 87.9660, 103.8789**.

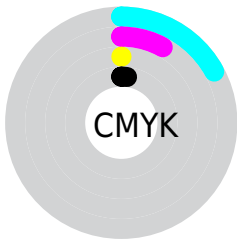
Distribution



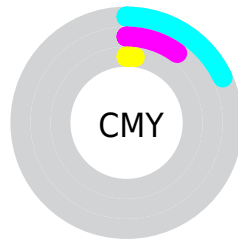
- Red (82%)
- Green (90%)
- Blue (98%)



- Red (82%)
- Yellow (87%)
- Blue (98%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7218, 76.9686, 102.3431 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 71.7218, 76.9686, 102.3431 by changing the saturation by 10% instead.

■ 71.7218, 76.9686,
102.3431

■ 71.7218, 76.9686,
102.3431

455.7454,
484.6570, 588.9897

■ 53.2161, 57.2271,
77.6310

120.6739,
129.0952, 166.4533

■ 38.2035, 41.1876,
57.2563

151.8509,
162.2490, 206.6885

■ 26.3186, 28.4657,
40.8003

187.9825,
200.6424, 252.9352

■ 17.1961, 18.6770,
27.8446

229.4340,
244.6598, 305.6120

■ 10.4705, 11.4371,
17.9705

276.5706,
294.6856, 365.1372

■ 5.7767, 6.3617,
10.7596

329.7578,

■ 2.7491, 3.0662,

351.1041, 431.9296

5.7933

389.3610,
414.2998, 506.4076

■ 1.0225, 1.1664,
2.6530

■ 0.0000, 0.0340,
0.9197

■ 71.7218, 76.9686,
102.3431

■ 71.7218, 76.9686,
102.3431

■ 61.9242, 67.0329,
100.9429

■ 82.8805, 87.9660,
103.8789

■ 53.4237, 58.1127,
99.6692

■ 94.2592, 99.4379,
105.4935

■ 46.1608, 50.1717,
98.5192

■ 94.4128, 99.7451,
105.5447

■ 40.0685, 43.1677,
97.4884

■ 35.0728, 37.0545,
96.5718

■ 31.0901, 31.7807,
95.7637

■ 28.0230, 27.2873,
95.0581

■ 25.7480, 23.5016,
94.4473

■ 25.1892, 22.5179,
94.2868

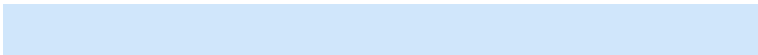
Harmonies

Analogous

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



68.9651, 76.9686, 97.4114



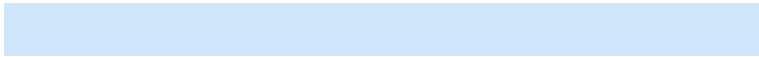
71.7218, 76.9686, 102.3431



74.9435, 76.9686, 102.0551

Triad

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



71.7218, 76.9686, 102.3431



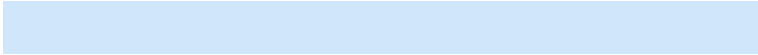
79.2782, 76.9686, 78.8305



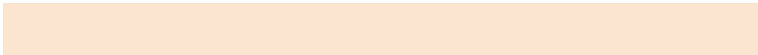
68.7340, 76.9686, 72.1518

Complementary

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



71.7218, 76.9686, 102.3431



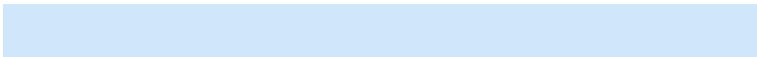
79.1886, 81.1017, 71.1565

Split Complementary

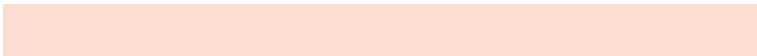
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3979, 76.9686, 67.8729



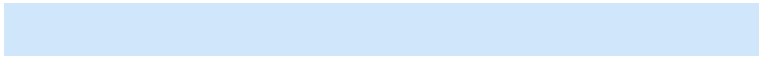
71.7218, 76.9686, 102.3431



77.5140, 76.9686, 71.5299

Square

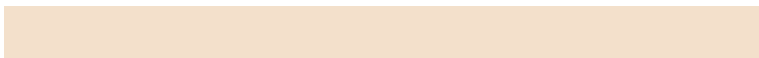
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7218, 76.9686, 102.3431



79.3711, 76.9686, 88.0097



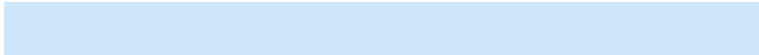
74.6099, 76.9686, 67.6539



67.2747, 76.9686, 79.7378

Rectangle

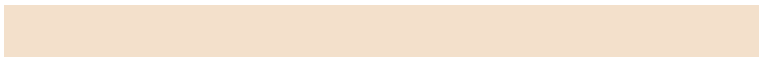
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7218, 76.9686, 102.3431



76.9230, 76.9686, 98.9337



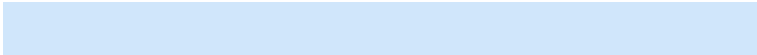
74.6099, 76.9686, 67.6539



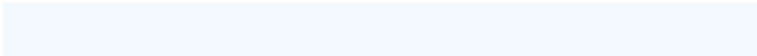
69.5147, 76.9686, 70.3042

Sweetspot

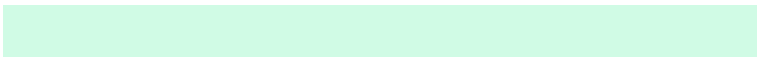
The Sweet Spot groups the original color and five complimentary colors.



71.7241, 76.9718, 102.3448



88.5597, 93.7534, 108.0364



74.6236, 88.0507, 87.0340



18.7666, 19.8841, 23.0989



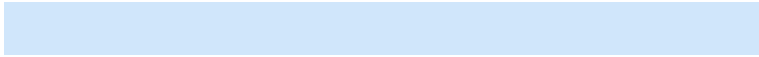
0.0000, 0.0000, 0.0000



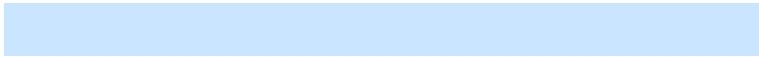
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7241, 76.9718, 102.3448



70.2368, 75.6565, 105.5090



66.1575, 65.8385, 100.4893



17.0174, 18.1117, 21.9843



13.3867, 12.1290, 49.6091



1.3460, 1.3356, 4.6300

Inverse Universe

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



76.6243, 71.3358, 84.5972



76.3538, 68.8923, 83.2934



85.4439, 93.6121, 73.2415



17.6153, 17.3735, 19.8301



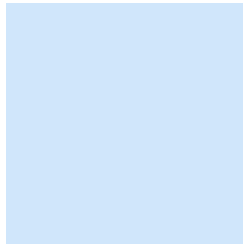
23.0490, 11.6353, 12.2325



2.1883, 1.0991, 1.4151

Previews

White Background



This preview shows how the XYZ color 71.7218, 76.9686, 102.3431 looks on a white background.

Color Contrast Check

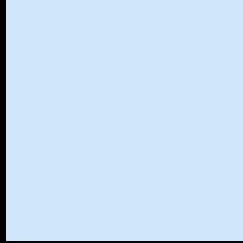
Large Text (above 18pt) WCAG AA × Fail

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 71.7218, 76.9686, 102.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

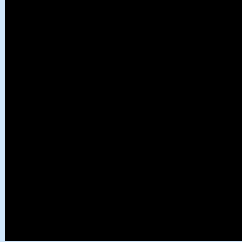
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

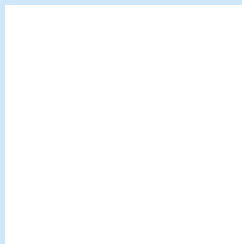
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7218, 76.9686, 102.3431

Background



This preview shows how black text looks on a background with the XYZ color 71.7218, 76.9686, 102.3431.

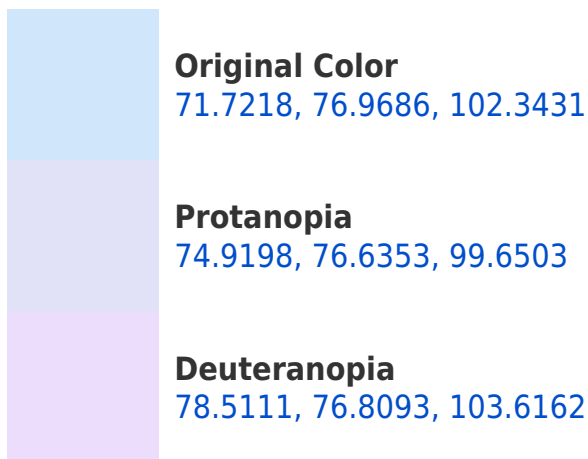


This preview shows how white text looks on a background with the XYZ color 71.7218, 76.9686,

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

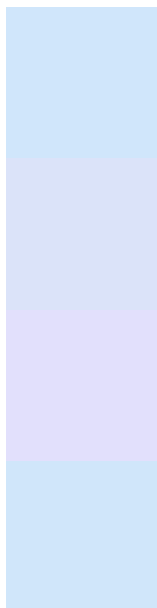




Tritanopia

71.4081, 76.8431, 100.6911

Trichromacy



Original Color

71.7218, 76.9686, 102.3431

Protanomaly

73.7814, 76.8378, 100.5650

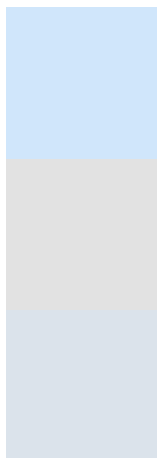
Deuteranomaly

75.5904, 76.5083, 102.8790

Tritanomaly

71.5646, 76.9057, 101.5149

Monochromacy



Original Color

71.7218, 76.9686, 102.3431

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.6779, 75.9964, 89.4882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7218, 76.9686, 102.3431 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(208, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 251)  
}
```

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(208, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 251) }
```

Border

The CSS property to change the border of an element to XYZ 71.7218, 76.9686, 102.3431 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(208, 230, 251) }
```


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

```
.border{ border-color:rgb(208, 230, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7218, 76.9686, 102.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 251) }
```

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

```
.background{ background-color: rgb(208,  
230, 251) }
```

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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