

Converting Colors

XYZ(70.8941, 75.3131,
102.0672)

Have a look what the booklet for
XYZ(70.8941, 75.3131, 102.0672)
contains.

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Color

**XYZ(70.8941, 75.3131,
102.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E3FB
RGB	208, 227, 251
RGB Percent	82%, 89%, 98%
CMY	0.1843, 0.1098, 0.0157
CMYK	0.17, 0.10, 0.00, 0.02
HSL	213°, 84%, 90%
HSV	213°, 17%, 98%
XYZ	70.8941, 75.3131, 102.0672
YIQ	224.0550, -19.0280, 3.4360

Conversions

Conversions Part 2

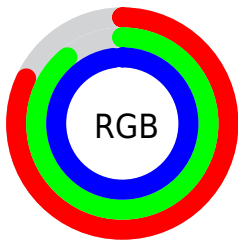
Format	Color
R _Y B	208, 221, 251
Decimal	13689851
CIE Lab	89.54, -1.46, -13.77
CIE LCh	90, 13.850, 263.933
Yxy	75.3131, 0.2855, 0.3033
Android (android.graphics.Color)	4291879931 (0xFFD0E3FB)
YUV	224.0550, 13.2839, -14.0802
Hunter-Lab	86.7831, -6.0518, -8.9839

Details

The XYZ color **70.8941, 75.3131, 102.0672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.0261, 82.7765, 71.4358**, and the grayscale version is **70.8105, 74.4982, 81.1285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6270, 40.1724, 56.8098** is the 20% darker color. If you saturate the color by 10%, you get **60.7116, 64.6075, 100.5387**, and if you desaturate by 10%, it is **82.5097, 87.2241, 103.7553**.

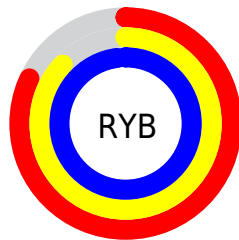
Distribution



Red (82%)

Green (89%)

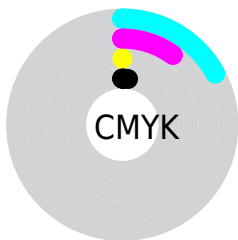
Blue (98%)



Red (82%)

Yellow (87%)

Blue (98%)

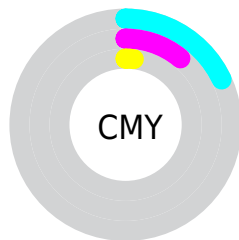


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8941, 75.3131, 102.0672 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 70.8941, 75.3131, 102.0672 by changing the saturation by 10% instead.

■ 70.8941, 75.3131,
102.0672

■ 70.8941, 75.3131,
102.0672

452.9007,
478.9930, 588.1034

■ 52.5380, 55.8694,
77.4016

119.5023,
126.7555, 166.0717

■ 37.6601, 40.0982,
57.0690

150.4850,
159.5230, 206.2476

■ 25.8950, 27.6152,
40.6509

186.4074,
197.5005, 252.4308

■ 16.8774, 18.0358,
27.7288

227.6347,
241.0725, 305.0397

■ 10.2419, 10.9757,
17.8840

274.5324,
290.6234, 364.4928

■ 5.6231, 6.0505,
10.6982

327.4657,

■ 2.6558, 2.8758,

346.5375, 431.2088

5.7527

386.8000,
409.1993, 505.6061

■ 0.9744, 1.0672,
2.6289

■ 0.0000, 0.0000,
0.9073

■ 70.8941, 75.3131,
102.0672

■ 70.8941, 75.3131,
102.0672

■ 60.7116, 64.6075,
100.5387

■ 82.5097, 87.2241,
103.7553

■ 51.8955, 55.0561,
99.1598

■ 94.4128, 99.7451,
105.5447

■ 44.3838, 46.6176,
97.9269

■ 38.1068, 39.2443,
96.8345

■ 32.9875, 32.8840,
95.8767

■ 28.9393, 27.4792,
95.0468

■ 25.8616, 22.9645,
94.3376

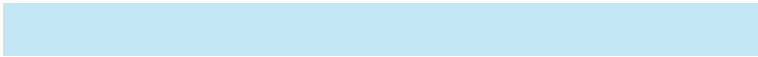
■ 23.6272, 19.2600,
93.7403

■ 23.0890, 18.3174,
93.5867

Harmonies

Analogous

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



67.8024, 75.3131, 98.0888



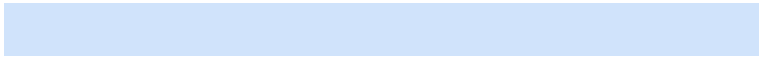
70.8941, 75.3131, 102.0672



74.2680, 75.3131, 100.3356

Triad

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



70.8941, 75.3131, 102.0672



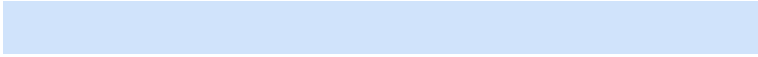
77.7265, 75.3131, 74.6394



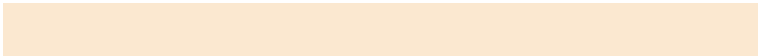
66.4270, 75.3131, 71.4663

Complementary

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



70.8941, 75.3131, 102.0672



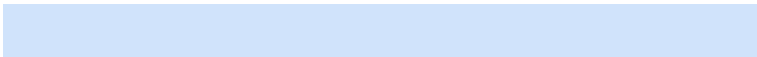
80.0261, 82.7765, 71.4358

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.



68.9632, 75.3131, 66.0519



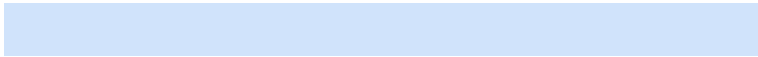
70.8941, 75.3131, 102.0672



75.5013, 75.3131, 67.7799

Square

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



70.8941, 75.3131, 102.0672



78.2830, 75.3131, 83.9980



72.2760, 75.3131, 64.7575



65.2764, 75.3131, 80.0402

Rectangle

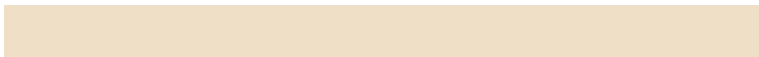
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.8941, 75.3131, 102.0672



76.2155, 75.3131, 96.2399



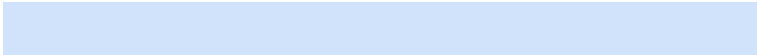
72.2760, 75.3131, 64.7575



67.1418, 75.3131, 69.2446

Sweetspot

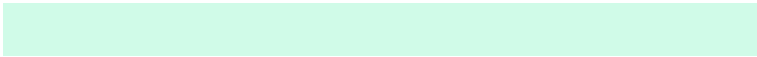
The Sweet Spot groups the original color and five complimentary colors.



70.8964, 75.3162, 102.0689



88.2857, 93.2053, 107.9450



75.0269, 88.2120, 89.1573



18.7000, 19.7510, 23.0767



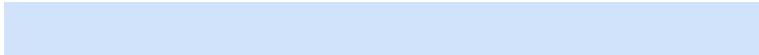
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



70.8964, 75.3162, 102.0689



69.2149, 73.6126, 105.1684



66.5911, 65.8021, 100.4594



16.9143, 17.9055, 21.9499



12.2760, 9.9077, 49.2389



1.2407, 1.1250, 4.5949

Inverse Universe

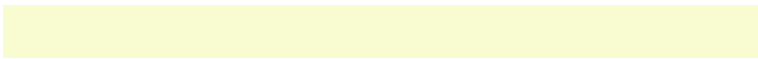
The Inverse Universe completely reimagines the original color for something new.



76.2065, 71.1688, 82.3970



75.8380, 68.6859, 80.5771



84.8972, 93.6620, 73.2801



17.5633, 17.3527, 19.5560



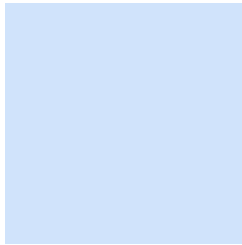
22.4884, 11.4111, 9.2803



2.1352, 1.0778, 1.1352

Previews

White Background



This preview shows how the XYZ color 70.8941, 75.3131, 102.0672 looks on a white background.

Color Contrast Check

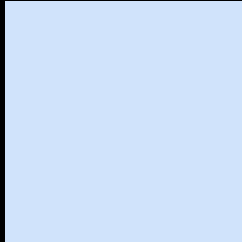
Large Text (above 18pt) WCAG AA × Fail

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 70.8941, 75.3131, 102.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

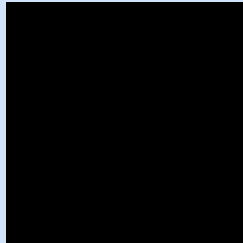
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

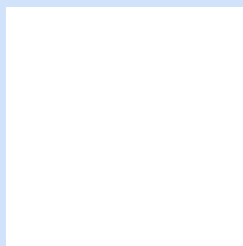
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8941, 75.3131, 102.0672

Background



This preview shows how black text looks on a background with the XYZ color 70.8941, 75.3131, 102.0672.

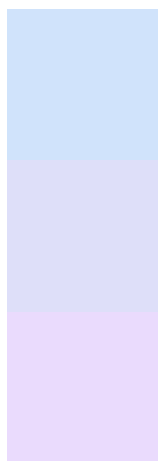


This preview shows how white text looks on a background with the XYZ color 70.8941, 75.3131,

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

70.8941, 75.3131, 102.0672

Protanopia

73.6108, 75.1445, 100.2472

Deuteranopia

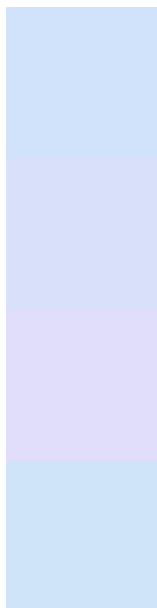
76.9928, 75.2473, 103.3947



Tritanopia

70.1101, 75.4060, 98.0484

Trichromacy



Original Color

70.8941, 75.3131, 102.0672

Protanomaly

72.5262, 74.9652, 101.0897

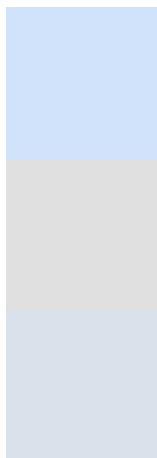
Deuteranomaly

74.7433, 75.2784, 102.6862

Tritanomaly

70.4188, 75.5295, 99.6741

Monochromacy



Original Color

70.8941, 75.3131, 102.0672

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6899, 74.6964, 88.5340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8941, 75.3131, 102.0672 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, 227, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 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, 227, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 251) }
```

Border

The CSS property to change the border of an element to XYZ 70.8941, 75.3131, 102.0672 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, 227, 251) }
```


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

```
.border{ border-color:rgb(208, 227, 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, 227, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 227, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 227, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 227,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8941, 75.3131, 102.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 251) }
```

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

```
.background{ background-color: rgb(208,  
227, 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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