

Converting Colors

XYZ(72.0102, 76.7053,
102.2770)

Have a look what the booklet for
XYZ(72.0102, 76.7053, 102.2770)
contains.

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Color

**XYZ(72.0102, 76.7053,
102.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E5FB
RGB	210, 229, 251
RGB Percent	82%, 90%, 98%
CMY	0.1765, 0.1019, 0.0157
CMYK	0.16, 0.09, 0.00, 0.02
HSL	212°, 84%, 90%
HSV	212°, 16%, 98%
XYZ	72.0102, 76.7053, 102.2770
YIQ	225.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

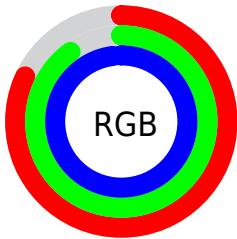
Format	Color
R _Y B	210, 223, 251
Decimal	13821435
CIE Lab	90.19, -1.88, -12.79
CIE LCh	90, 12.929, 261.628
Yxy	76.7053, 0.2869, 0.3056
Android (android.graphics.Color)	4292011515 (0xFFD2E5FB)
YUV	225.8270, 12.4103, -13.8803
Hunter-Lab	87.5816, -6.5037, -7.9313

Details

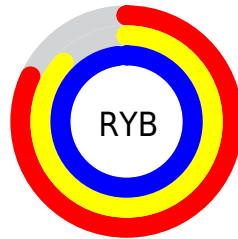
The XYZ color **72.0102, 76.7053, 102.2770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.2736, 82.8753, 72.7399**, and the grayscale version is **72.0884, 75.8426, 82.5926**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3912, 41.1357, 56.9555** is the 20% darker color. If you saturate the color by 10%, you get **61.8346, 66.1428, 100.7758**, and if you desaturate by 10%, it is **83.6002, 88.4300, 103.9305**.

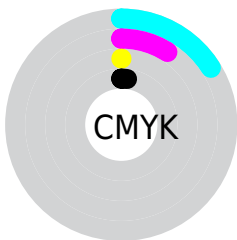
Distribution



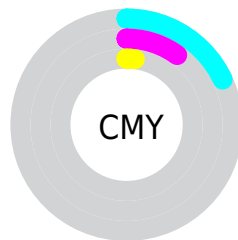
- Red (82%)
- Green (90%)
- Blue (98%)



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



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0102, 76.7053, 102.2770 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 72.0102, 76.7053, 102.2770 by changing the saturation by 10% instead.

■ 72.0102, 76.7053,
102.2770

■ 72.0102, 76.7053,
102.2770

456.7342,
483.7587, 588.7774

■ 53.4525, 57.0110,
77.5761

121.0818,
128.7234, 166.3619

■ 38.3930, 41.0141,
57.2114

152.3263,
161.8160, 206.5829

■ 26.4665, 28.3301,
40.7645

188.5306,
200.1436, 252.8144

■ 17.3075, 18.5746,
27.8168

230.0598,
244.0904, 305.4749

■ 10.5506, 11.3633,
17.9498

277.2794,
294.0409, 364.9829

■ 5.8306, 6.3118,
10.7449

330.5548,

■ 2.7820, 3.0356,

350.3795, 431.7569

5.7835

390.2513,
413.4907, 506.2156

■ 1.0396, 1.1503,
2.6473

■ 0.0000, 0.0206,
0.9167

■ 72.0102, 76.7053,
102.2770

■ 72.0102, 76.7053,
102.2770

■ 61.8346, 66.1428,
100.7758

■ 83.6002, 88.4300,
103.9305

■ 53.0079, 56.6932,
99.4170

■ 94.4128, 99.7451,
105.5446

■ 45.4694, 48.3170,
98.1976

■ 39.1508, 40.9687,
97.1123

■ 33.9767, 34.5986,
96.1554

■ 29.8626, 29.1517,
95.3209

■ 26.7101, 24.5657,
94.6018

■ 24.3986, 20.7657,
93.9902

■ 23.6971, 19.5336,
93.7894

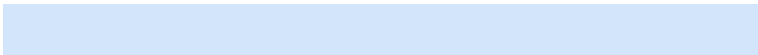
Harmonies

Analogous

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



69.1375, 76.7053, 98.1741



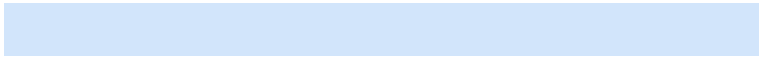
72.0102, 76.7053, 102.2770



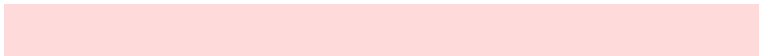
75.2072, 76.7053, 101.0716

Triad

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



72.0102, 76.7053, 102.2770



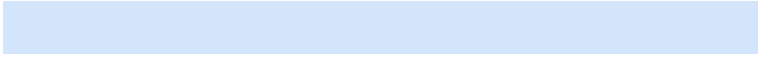
78.8018, 76.7053, 77.1653



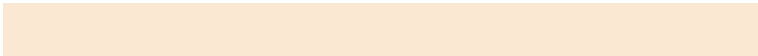
68.1686, 76.7053, 73.0092

Complementary

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



72.0102, 76.7053, 102.2770



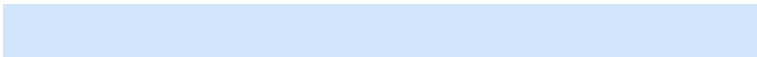
80.2736, 82.8753, 72.7399

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.



70.6524, 76.7053, 68.1262



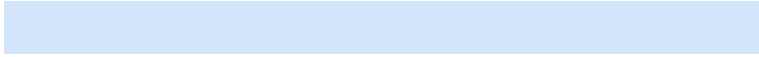
72.0102, 76.7053, 102.2770



76.8091, 76.7053, 70.4002

Square

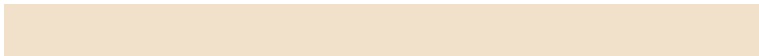
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0102, 76.7053, 102.2770



79.1912, 76.7053, 86.1219



73.8094, 76.7053, 67.2074



66.9626, 76.7053, 80.9691

Rectangle

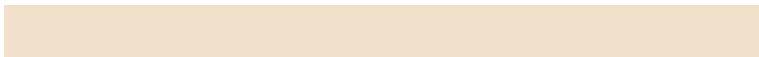
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



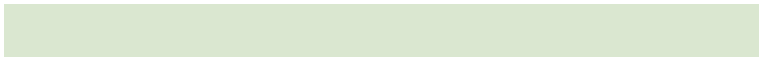
72.0102, 76.7053, 102.2770



77.0880, 76.7053, 97.4559



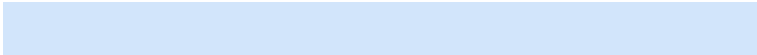
73.8094, 76.7053, 67.2074



68.8783, 76.7053, 70.9785

Sweetspot

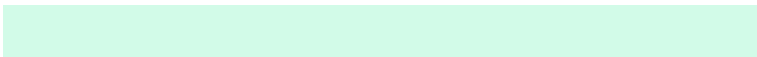
The Sweet Spot groups the original color and five complimentary colors.



72.0125, 76.7085, 102.2787



88.3703, 93.3744, 107.9732



75.6234, 88.5160, 89.3455



18.7205, 19.7920, 23.0835



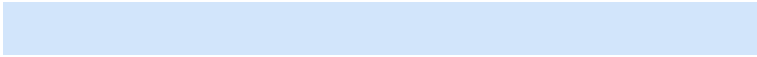
0.0000, 0.0000, 0.0000



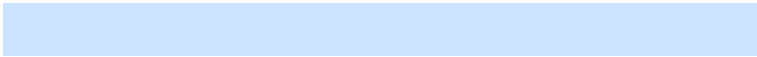
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0125, 76.7085, 102.2787



70.5957, 75.3452, 105.4300



67.4298, 66.9629, 100.6392



16.9461, 17.9690, 21.9605



12.5984, 10.5523, 49.3463



1.2717, 1.1870, 4.6053

Inverse Universe

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



76.9749, 72.2612, 84.0232



76.7862, 70.0271, 82.6051



85.4244, 93.9051, 74.5974



17.5793, 17.3591, 19.6405



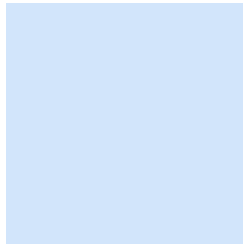
22.6511, 11.4762, 10.1370



2.1508, 1.0841, 1.2176

Previews

White Background



This preview shows how the XYZ color 72.0102, 76.7053, 102.2770 looks on a white background.

Color Contrast Check

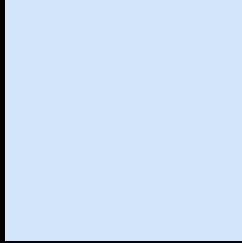
Large Text (above 18pt) WCAG AA × Fail

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 72.0102, 76.7053, 102.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

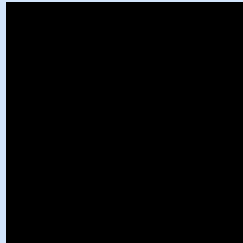
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

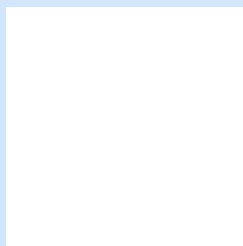
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0102, 76.7053, 102.2770

Background



This preview shows how black text looks on a background with the XYZ color 72.0102, 76.7053, 102.2770.

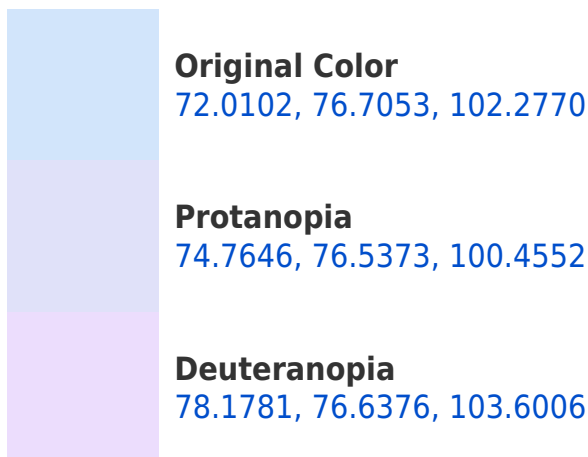


This preview shows how white text looks on a background with the XYZ color 72.0102, 76.7053,

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

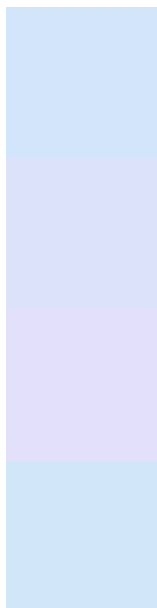




Tritanopia

71.5346, 76.9262, 99.8849

Trichromacy



Original Color

72.0102, 76.7053, 102.2770

Protanomaly

73.6651, 76.3549, 101.2979

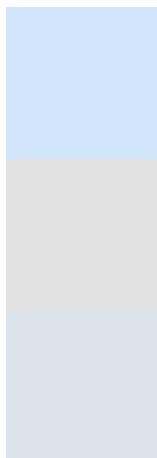
Deuteranomaly

75.9049, 76.6705, 102.8937

Tritanomaly

71.6902, 76.9885, 100.7043

Monochromacy



Original Color

72.0102, 76.7053, 102.2770

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.9797, 76.1520, 89.5023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0102, 76.7053, 102.2770 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(210, 229, 251)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 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(210, 229, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 251) }
```

Border

The CSS property to change the border of an element to XYZ 72.0102, 76.7053, 102.2770 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(210, 229, 251) }
```


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

```
.border{ border-color:rgb(210, 229, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 229, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 229, 251);  
box-shadow:4px 4px 4px 4px rgb(210, 229,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0102, 76.7053, 102.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 251) }
```

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

```
.background{ background-color: rgb(210,  
229, 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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