

Converting Colors

XYZ(71.9271, 77.1354,
101.1703)

Have a look what the booklet for
XYZ(71.9271, 77.1354, 101.1703)
contains.

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Color

**XYZ(71.8466, 77.0511,
101.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E6FA
RGB	209, 230, 250
RGB Percent	82%, 90%, 98%
CMY	0.1804, 0.0980, 0.0196
CMYK	0.16, 0.08, 0.00, 0.02
HSL	209°, 80%, 90%
HSV	209°, 16%, 98%
XYZ	71.8466, 77.0511, 101.5281
YIQ	226.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

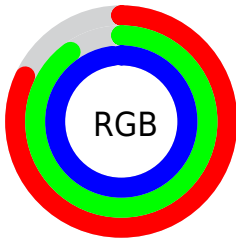
Format	Color
R _Y B	209, 223, 250
Decimal	13756154
CIE Lab	90.35, -2.91, -12.04
CIE LCh	90, 12.386, 256.389
Yxy	77.0511, 0.2869, 0.3077
Android (android.graphics.Color)	4291946234 (0xFFD1E6FA)
YUV	226.0010, 11.8315, -14.9099
Hunter-Lab	87.7788, -7.5112, -7.1318

Details

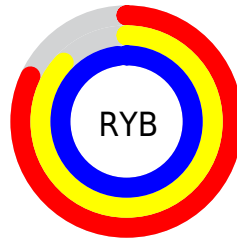
The XYZ color **71.8466, 77.0511, 101.5281** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9527, 80.9657, 71.7898**, and the grayscale version is **72.2183, 75.9793, 82.7415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3940, 41.4250, 57.0112** is the 20% darker color. If you saturate the color by 10%, you get **62.0458, 67.1381, 100.1325**, and if you desaturate by 10%, it is **82.9992, 88.0174, 103.0582**.

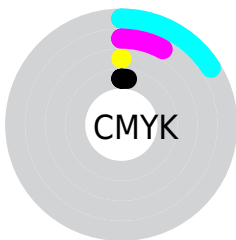
Distribution



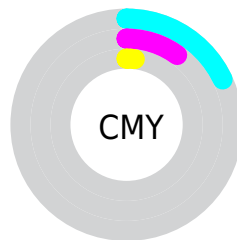
- Red (82%)
- Green (90%)
- Blue (98%)



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



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8466, 77.0511, 101.5281 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 71.8466, 77.0511, 101.5281 by changing the saturation by 10% instead.

■ 71.8466, 77.0511,
101.5281

■ 71.8466, 77.0511,
101.5281

456.1734,
484.9382, 586.3693

■ 53.3184, 57.2948,
76.9534

120.8504,
129.2116, 165.3257

■ 38.2855, 41.2420,
56.7033

152.0567,
162.3846, 205.3857

■ 26.3826, 28.5082,
40.3593

188.2197,
200.7987, 251.4444

■ 17.2442, 18.7091,
27.5029

229.7048,
244.8382, 303.9205

■ 10.5052, 11.4603,
17.7155

276.8774,
294.8875, 363.2325

■ 5.8000, 6.3773,
10.5786

330.1028,

■ 2.7633, 3.0758,

351.3310, 429.7990

5.6736

389.7464,
414.5531, 504.0384

■ 1.0299, 1.1715,
2.5821

■ 0.0000, 0.0382,
0.8832

■ 71.8466, 77.0511,
101.5281

■ 71.8466, 77.0511,
101.5281

■ 62.0458, 67.1381,
100.1325

■ 82.9992, 88.0174,
103.0582

■ 53.5336, 58.2325,
98.8622

■ 94.0618, 99.2946,
104.6519

■ 46.2515, 50.2989,
97.7147

■ 94.2556, 99.6822,
104.7165

■ 40.1335, 43.2957,
96.6853

■ 35.1070, 37.1774,
95.7693

■ 31.0901, 31.8937,
94.9612

■ 27.9876, 27.3870,
94.2548

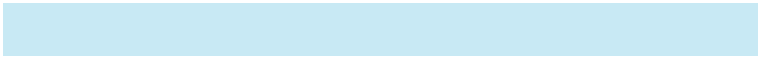
■ 25.6819, 23.5876,
93.6430

■ 24.9837, 22.3585,
93.4425

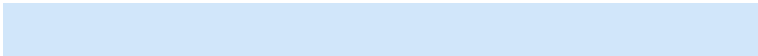
Harmonies

Analogous

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



69.2159, 77.0511, 96.8171



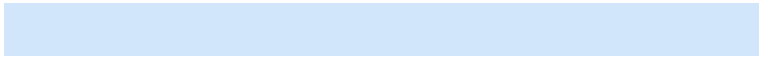
71.8466, 77.0511, 101.5281



74.9225, 77.0511, 101.2861

Triad

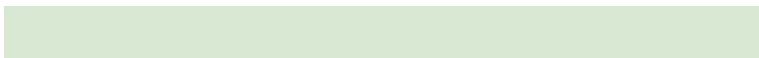
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8466, 77.0511, 101.5281



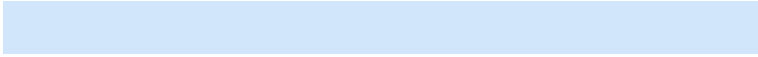
79.0789, 77.0511, 79.1894



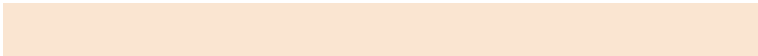
69.0201, 77.0511, 72.7065

Complementary

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



71.8466, 77.0511, 101.5281



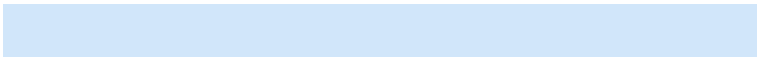
78.9527, 80.9657, 71.7898

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.



71.5725, 77.0511, 68.6191



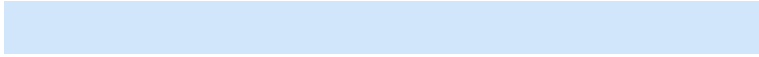
71.8466, 77.0511, 101.5281



77.4063, 77.0511, 72.1781

Square

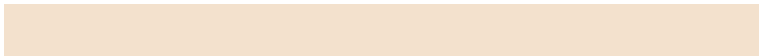
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8466, 77.0511, 101.5281



79.1573, 77.0511, 87.9605



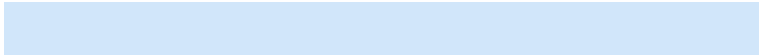
74.6407, 77.0511, 68.4327



67.6153, 77.0511, 79.9578

Rectangle

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



71.8466, 77.0511, 101.5281



76.8134, 77.0511, 98.3396



74.6407, 77.0511, 68.4327



69.7691, 77.0511, 70.9400

Sweetspot

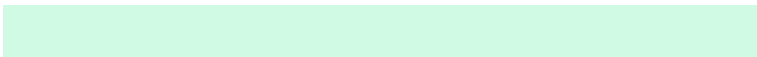
The Sweet Spot groups the original color and five complimentary colors.



71.8489, 77.0543, 101.5298



88.5620, 93.7579, 108.0371



74.5987, 87.5748, 86.9678



18.7671, 19.8852, 23.0990



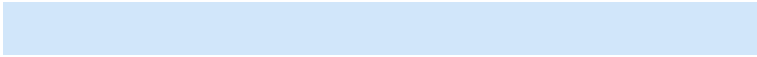
0.0000, 0.0000, 0.0000



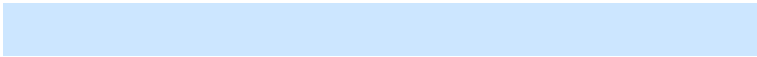
20.3446, 21.4041, 23.3091

Same Dimension

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



71.8489, 77.0543, 101.5298



71.2837, 76.7211, 105.6593



66.5197, 66.3959, 99.7534



17.0183, 18.1134, 21.9846



13.3966, 12.1489, 49.6124



1.3469, 1.3375, 4.6303

Inverse Universe

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



76.5095, 71.6398, 84.6620



77.1335, 70.1660, 84.4336



84.9079, 92.8761, 73.7748



17.6158, 17.3737, 19.8324



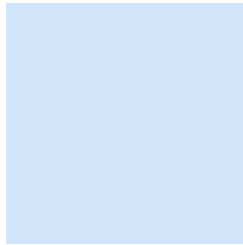
23.0540, 11.6373, 12.2589



2.1888, 1.0992, 1.4175

Previews

White Background



This preview shows how the XYZ color 71.8466, 77.0511, 101.5281 looks on a white background.

Color Contrast Check

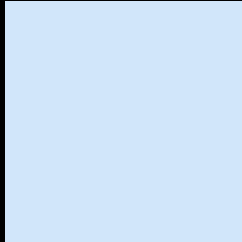
Large Text (above 18pt) WCAG AA × Fail

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 71.8466, 77.0511, 101.5281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

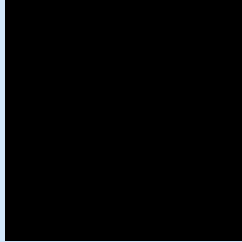
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

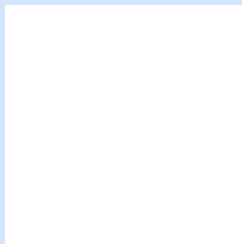
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8466, 77.0511, 101.5281

Background



This preview shows how black text looks on a background with the XYZ color 71.8466, 77.0511, 101.5281.



This preview shows how white text looks on a background with the XYZ color 71.8466, 77.0511,

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

71.8466, 77.0511, 101.5281

Protanopia

75.0362, 77.1157, 98.9257

Deuteranopia

78.6870, 76.9183, 102.7949



Tritanopia

71.6902, 76.9885, 100.7043

Trichromacy



Original Color

71.8466, 77.0511, 101.5281

Protanomaly

73.6258, 76.7756, 99.7456

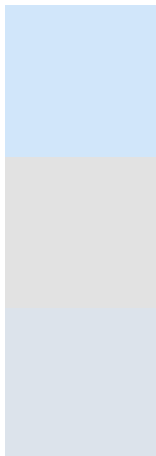
Deuteranomaly

75.7468, 76.6072, 102.0612

Tritanomaly

71.6902, 76.9885, 100.7043

Monochromacy



Original Color

71.8466, 77.0511, 101.5281

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 71.8466, 77.0511, 101.5281 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, 230, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 250)  
}
```

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, 230, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 250) }
```

Border

The CSS property to change the border of an element to XYZ 71.8466, 77.0511, 101.5281 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, 230, 250) }
```


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

```
.border{ border-color:rgb(209, 230, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8466, 77.0511, 101.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 250) }
```

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

```
.background{ background-color: rgb(209,  
230, 250) }
```

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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