

Converting Colors

XYZ(71.2634, 76.0935,
103.4021)

Have a look what the booklet for
XYZ(71.2634, 76.0935, 103.4021)
contains.

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Color

**XYZ(71.3221, 76.3323,
103.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE5FC
RGB	207, 229, 252
RGB Percent	81%, 90%, 99%
CMY	0.1882, 0.1019, 0.0118
CMYK	0.18, 0.09, 0.00, 0.01
HSL	211°, 88%, 90%
HSV	211°, 18%, 99%
XYZ	71.3221, 76.3323, 103.0700
YIQ	225.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

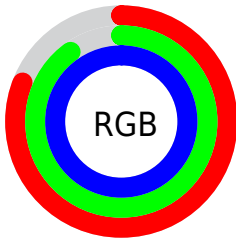
Format	Color
R _Y B	207, 222, 252
Decimal	13624828
CIE Lab	90.01, -2.60, -13.59
CIE LCh	90, 13.839, 259.189
Yxy	76.3323, 0.2845, 0.3044
Android (android.graphics.Color)	4291814908 (0xFFCFE5FC)
YUV	225.0440, 13.2893, -15.8246
Hunter-Lab	87.3684, -7.1783, -8.7876

Details

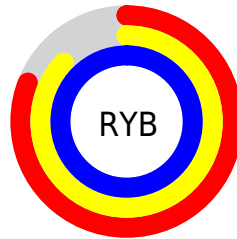
The XYZ color **71.3221, 76.3323, 103.0700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.7048, 81.7939, 70.6200**, and the grayscale version is **71.5196, 75.2442, 81.9409**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9353, 40.8876, 57.5225** is the 20% darker color. If you saturate the color by 10%, you get **61.4039, 66.1259, 101.6240**, and if you desaturate by 10%, it is **82.6329, 87.6529, 104.6602**.

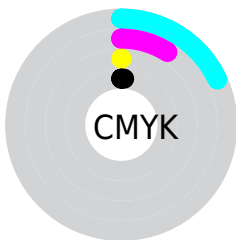
Distribution



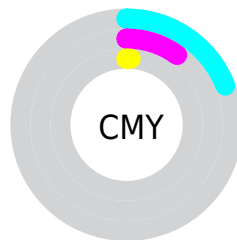
- Red (81%)
- Green (90%)
- Blue (99%)



- Red (81%)
- Yellow (87%)
- Blue (99%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3221, 76.3323, 103.0700 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 71.3221, 76.3323, 103.0700 by changing the saturation by 10% instead.

■ 71.3221, 76.3323,
103.0700

■ 71.3221, 76.3323,
103.0700

454.3730,
482.4845, 591.3217

■ 52.8886, 56.7050,
78.2358

120.1083,
128.1965, 167.4583

■ 37.9409, 40.7685,
57.7501

151.1916,
161.2023, 207.8494

■ 26.1139, 28.1382,
41.1944

187.2223,
199.4363, 254.2632

■ 17.0420, 18.4299,
28.1502

228.5657,
243.2830, 307.1182

■ 10.3599, 11.2591,
18.1989

275.5870,
293.1268, 366.8331

■ 5.7023, 6.2414,
10.9219

328.6518,

■ 2.7039, 2.9924,

349.3520, 433.8262

5.9009

388.1253,
412.3431, 508.5163

■ 0.9992, 1.1278,
2.7171

■ 0.0000, 0.0015,
0.9520

■ 71.3221, 76.3323,
103.0700

■ 71.3221, 76.3323,
103.0700

■ 61.4039, 66.1259,
101.6240

■ 82.6329, 87.6529,
104.6602

■ 52.8126, 56.9856,
100.3125

94.4950, 99.6565,
106.3519

■ 45.4870, 48.8730,
99.1327

94.5709, 99.8084,
106.3772

■ 39.3581, 41.7436,
98.0796

■ 34.3498, 35.5485,
97.1478

■ 30.3759, 30.2337,
96.3314

■ 27.3358, 25.7370,
95.6237

■ 25.0965, 21.9791,
95.0164

■ 24.6808, 21.2482,
94.8972

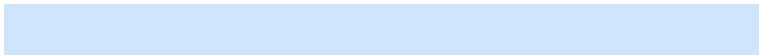
Harmonies

Analogous

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



68.3280, 76.3323, 98.2362



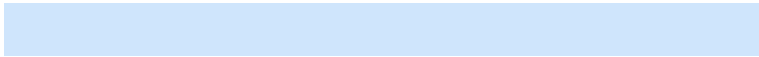
71.3221, 76.3323, 103.0700



74.7399, 76.3323, 102.2483

Triad

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



71.3221, 76.3323, 103.0700



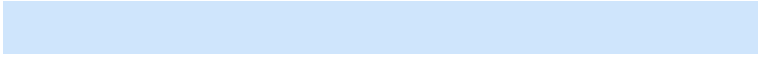
78.9570, 76.3323, 77.0609



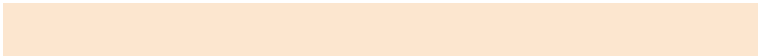
67.6758, 76.3323, 71.3748

Complementary

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



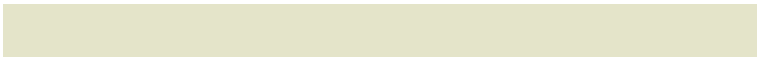
71.3221, 76.3323, 103.0700



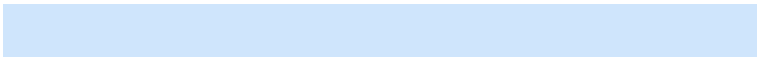
79.7048, 81.7939, 70.6200

Split Complementary

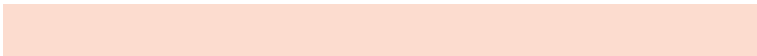
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.4064, 76.3323, 66.5275



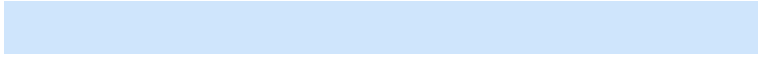
71.3221, 76.3323, 103.0700



76.9457, 76.3323, 69.6273

Square

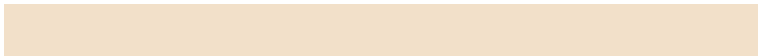
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3221, 76.3323, 103.0700



79.2210, 76.3323, 86.7046



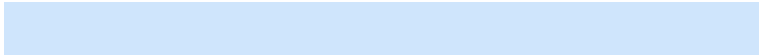
73.7951, 76.3323, 65.9141



66.2673, 76.3323, 79.6218

Rectangle

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



71.3221, 76.3323, 103.0700



76.7971, 76.3323, 98.6208



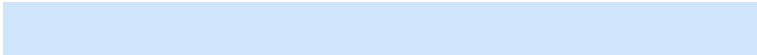
73.7951, 76.3323, 65.9141



68.4655, 76.3323, 69.3224

Sweetspot

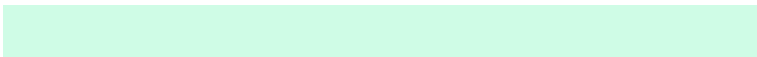
The Sweet Spot groups the original color and five complimentary colors.



71.3244, 76.3354, 103.0717



88.4703, 93.5744, 108.0065



74.7567, 88.5727, 87.6529



18.7448, 19.8406, 23.0916



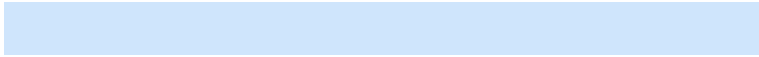
0.0000, 0.0000, 0.0000



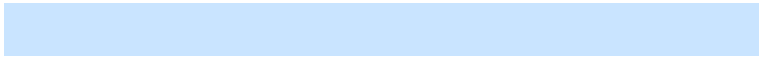
20.3446, 21.4041, 23.3091

Same Dimension

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



71.3244, 76.3354, 103.0717



69.9012, 74.9853, 105.3972



65.6171, 64.9209, 101.1693



16.9837, 18.0443, 21.9730



13.0030, 11.3615, 49.4812



1.3101, 1.2638, 4.6181

Inverse Universe

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



76.6024, 70.9800, 83.7954



76.1844, 68.8245, 82.4014



86.2191, 94.8226, 72.7914



17.5983, 17.3667, 19.7405



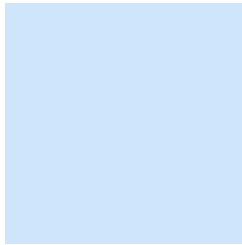
22.8553, 11.5578, 11.2125



2.1702, 1.0918, 1.3196

Previews

White Background



This preview shows how the XYZ color 71.3221, 76.3323, 103.0700 looks on a white background.

Color Contrast Check

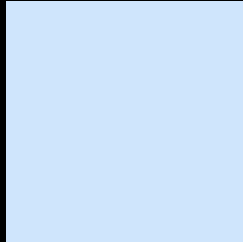
Large Text (above 18pt) WCAG AA × Fail

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 71.3221, 76.3323, 103.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

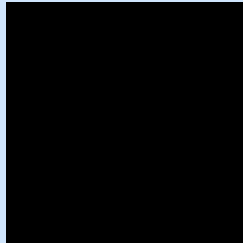
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

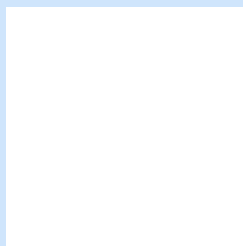
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3221, 76.3323, 103.0700

Background



This preview shows how black text looks on a background with the XYZ color 71.3221, 76.3323, 103.0700.

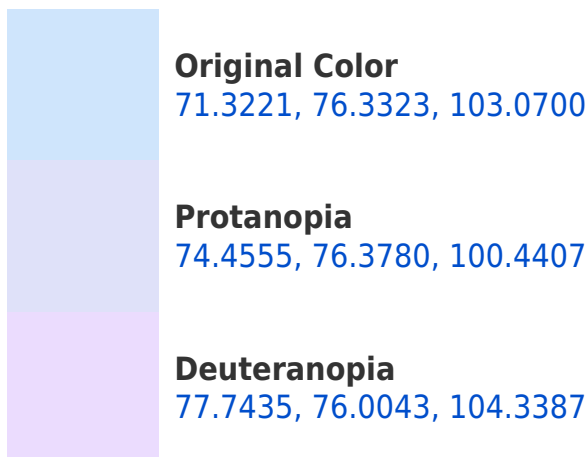


This preview shows how white text looks on a background with the XYZ color 71.3221, 76.3323,

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

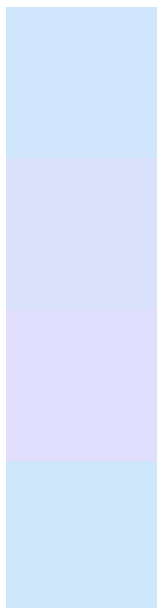




Tritanopia

70.6937, 76.4928, 99.8456

Trichromacy



Original Color

71.3221, 76.3323, 103.0700

Protanomaly

73.0669, 76.0466, 101.2699

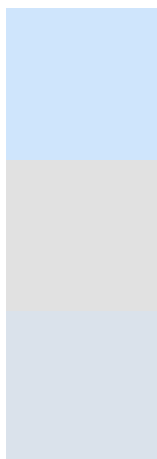
Deuteranomaly

75.1686, 75.8748, 103.6120

Tritanomaly

70.8493, 76.5550, 100.6650

Monochromacy



Original Color

71.3221, 76.3323, 103.0700

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1052, 75.2963, 89.3833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3221, 76.3323, 103.0700 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(207, 229, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 229, 252)  
}
```

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(207, 229, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 229, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.3221, 76.3323, 103.0700 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(207, 229, 252) }
```


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

```
.border{ border-color:rgb(207, 229, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 229, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 229, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 229, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 229,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3221, 76.3323, 103.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 229, 252) }
```

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

```
.background{ background-color: rgb(207,  
229, 252) }
```

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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