

Converting Colors

XYZ(70.8666, 79.2934,
103.3548)

Have a look what the booklet for
XYZ(70.8666, 79.2934, 103.3548)
contains.

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Color

**XYZ(71.1436, 79.6024,
103.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EDFC
RGB	198, 237, 252
RGB Percent	78%, 93%, 99%
CMY	0.2235, 0.0706, 0.0118
CMYK	0.21, 0.06, 0.00, 0.01
HSL	197°, 90%, 88%
HSV	197°, 21%, 99%
XYZ	71.1436, 79.6024, 103.7106
YIQ	227.0490, -28.0590, -3.6030

Conversions

Conversions Part 2

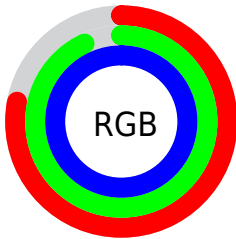
Format	Color
R _{YB}	198, 221, 252
Decimal	13037052
CIE Lab	91.51, -9.41, -11.43
CIE LCh	92, 14.802, 230.528
Yxy	79.6024, 0.2796, 0.3128
Android (android.graphics.Color)	4291227132 (0xFFC6EDFC)
YUV	227.0490, 12.3008, -25.4760
Hunter-Lab	89.2202, -13.8005, -6.4653

Details

The XYZ color **71.1436, 79.6024, 103.7106** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1330, 72.3615, 63.4878**, and the grayscale version is **72.9792, 76.7798, 83.6132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7019, 42.8275, 57.9092** is the 20% darker color. If you saturate the color by 10%, you get **63.0594, 72.4871, 102.7646**, and if you desaturate by 10%, it is **80.4167, 87.4521, 104.7383**.

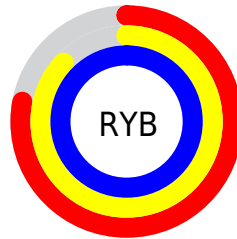
Distribution



Red (78%)

Green (93%)

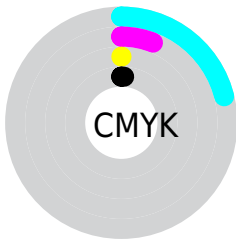
Blue (99%)



Red (78%)

Yellow (87%)

Blue (99%)

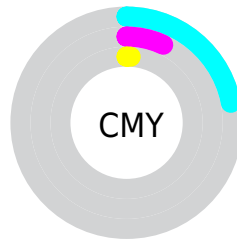


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1436, 79.6024, 103.7106 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 71.1436, 79.6024, 103.7106 by changing the saturation by 10% instead.

71.1436, 79.6024,
103.7106

71.1436, 79.6024,
103.7106

453.7593,
493.5919, 593.3728

52.7423, 59.3912,
78.7689

119.8556,
132.8066, 168.3433

37.8238, 42.9281,
58.1856

150.8970,
166.5684, 208.8714

26.0225, 29.8287,
41.5422

186.8826,
205.6158, 255.4321

16.9733, 19.7086,
28.4201

228.1776,
250.3334, 308.4439

10.3106, 12.1834,
18.4008

275.1474,
301.1053, 368.3253

5.6692, 6.8687,
11.0657

328.1574,

2.6838, 3.3801,

358.3161, 435.4949

5.9963

387.5729,
422.3502, 510.3712

■ 0.9888, 1.3333,
2.7741

■ 0.0000, 0.1667,
0.9805

■ 71.1436, 79.6024,
103.7106

■ 71.1436, 79.6024,
103.7106

■ 63.0594, 72.4871,
102.7646

■ 80.4167, 87.4521,
104.7383

■ 56.1015, 66.0665,
101.8920

■ 90.9234, 96.0544,
105.8449

■ 50.2121, 60.3114,
101.0916

■ 94.5709, 99.8084,
106.3773

■ 45.3251, 55.1866,
100.3600

■ 41.3667, 50.6524,
99.6934

■ 38.2520, 46.6637,
99.0877

■ 35.8792, 43.1666,
98.5377

■ 34.3018, 40.4900,
98.1042

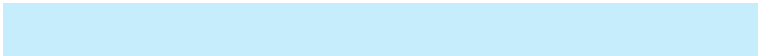
Harmonies

Analogous

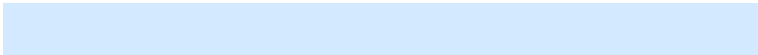
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0708, 79.6024, 94.1606



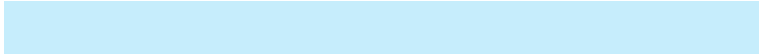
71.1436, 79.6024, 103.7106



74.4728, 79.6024, 108.8104

Triad

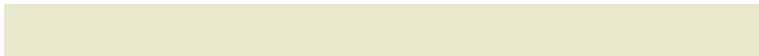
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1436, 79.6024, 103.7106



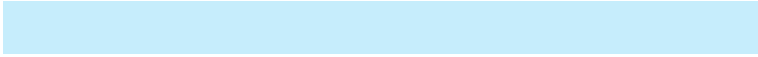
83.0389, 79.6024, 90.1357



73.1456, 79.6024, 68.6456

Complementary

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



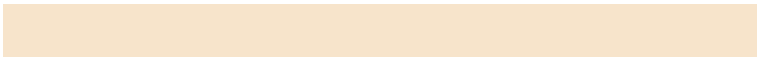
71.1436, 79.6024, 103.7106



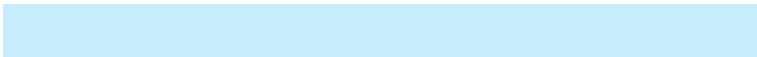
74.1330, 72.3615, 63.4878

Split Complementary

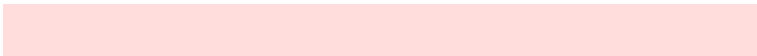
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.8591, 79.6024, 67.7631



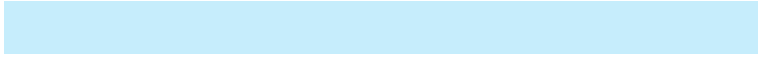
71.1436, 79.6024, 103.7106



82.6548, 79.6024, 79.5942

Square

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



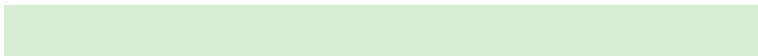
71.1436, 79.6024, 103.7106



81.3956, 79.6024, 100.5549



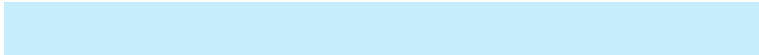
80.3630, 79.6024, 71.6125



70.1998, 79.6024, 74.1323

Rectangle

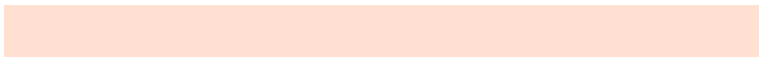
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



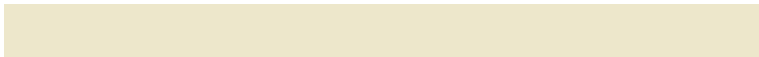
71.1436, 79.6024, 103.7106



76.9922, 79.6024, 108.7331



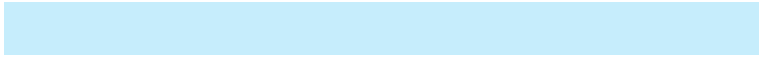
80.3630, 79.6024, 71.6125



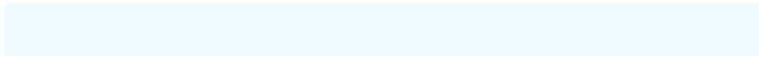
74.3427, 79.6024, 67.8195

Sweetspot

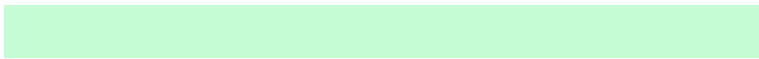
The Sweet Spot groups the original color and five complimentary colors.



71.1460, 79.6056, 103.7124



88.3028, 94.5316, 108.2001



70.0349, 86.4018, 75.5399



18.7493, 20.1099, 23.1434



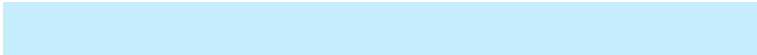
0.0000, 0.0000, 0.0000



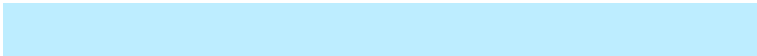
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1460, 79.6056, 103.7124



69.1266, 78.3298, 106.0835



64.0561, 65.4259, 101.3491



17.3344, 18.7457, 22.0900



17.9982, 21.3521, 51.1463



1.7560, 2.1556, 4.7667

Inverse Universe

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



75.6270, 67.2000, 89.1093



74.5989, 63.6165, 88.1520



81.3231, 86.7417, 65.8845



17.7753, 17.4375, 20.6727



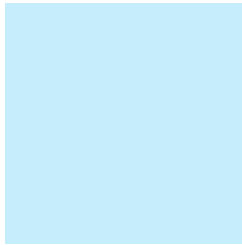
25.3767, 12.5664, 24.4899



2.3953, 1.1818, 2.5048

Previews

White Background



This preview shows how the XYZ color 71.1436, 79.6024, 103.7106 looks on a white background.

Color Contrast Check

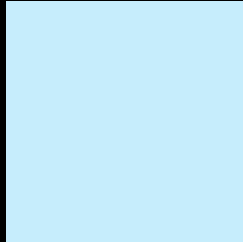
Large Text (above 18pt) WCAG AA × Fail

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 71.1436, 79.6024, 103.7106 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

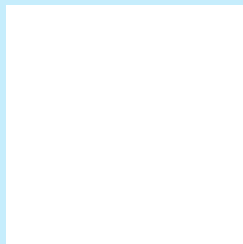
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1436, 79.6024, 103.7106

Background



This preview shows how black text looks on a background with the XYZ color 71.1436, 79.6024, 103.7106.

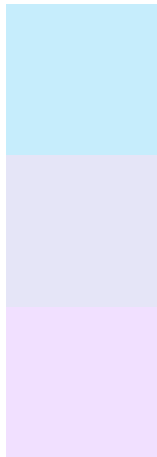


This preview shows how white text looks on a background with the XYZ color 71.1436, 79.6024,

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

71.1436, 79.6024, 103.7106

Protanopia

77.1209, 79.4120, 99.2590

Deuteranopia

80.9813, 79.2321, 105.6329



Tritanopia

71.5986, 79.3530, 106.1508

Trichromacy



Original Color

71.1436, 79.6024, 103.7106

Protanomaly

74.8689, 79.4582, 101.0135

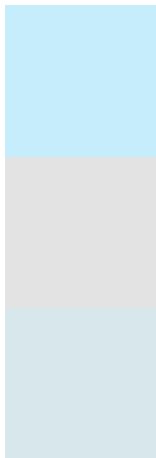
Deuteranomaly

76.9600, 79.2019, 104.9972

Tritanomaly

71.4380, 79.2888, 105.3050

Monochromacy



Original Color

71.1436, 79.6024, 103.7106

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.0351, 77.8069, 90.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1436, 79.6024, 103.7106 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(198, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(198, 237, 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(198, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 71.1436, 79.6024, 103.7106 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(198, 237, 252) }
```


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

```
.border{ border-color:rgb(198, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(198, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1436, 79.6024, 103.7106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 237, 252) }
```

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

```
.background{ background-color: rgb(198,  
237, 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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