

Converting Colors

XYZ(71.1038, 79.3312,
101.3817)

Have a look what the booklet for
XYZ(71.1038, 79.3312, 101.3817)
contains.

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Color

**XYZ(70.9138, 79.1098,
101.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	C8ECF9
RGB	200, 236, 249
RGB Percent	78%, 93%, 98%
CMY	0.2157, 0.0745, 0.0235
CMYK	0.20, 0.05, 0.00, 0.02
HSL	196°, 80%, 88%
HSV	196°, 20%, 98%
XYZ	70.9138, 79.1098, 101.1547
YIQ	226.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

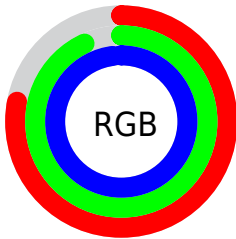
Format	Color
R _Y B	200, 221, 249
Decimal	13167865
CIE Lab	91.28, -8.94, -10.18
CIE LCh	91, 13.548, 228.705
Yxy	79.1098, 0.2823, 0.3150
Android (android.graphics.Color)	4291357945 (0xFFC8ECF9)
YUV	226.7180, 10.9850, -23.4317
Hunter-Lab	88.9437, -13.3354, -5.1693

Details

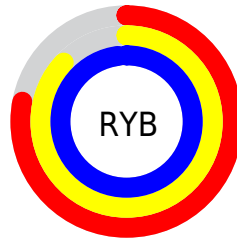
The XYZ color **70.9138, 79.1098, 101.1547** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2873, 71.8987, 64.6606**, and the grayscale version is **72.7468, 76.5353, 83.3470**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6240, 42.5125, 56.6748** is the 20% darker color. If you saturate the color by 10%, you get **62.9315, 72.2257, 100.2479**, and if you desaturate by 10%, it is **80.0541, 86.6993, 102.1392**.

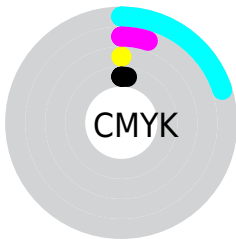
Distribution



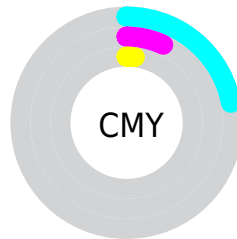
- Red (78%)
- Green (93%)
- Blue (98%)



- Red (78%)
- Yellow (87%)
- Blue (98%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (22%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.9138, 79.1098, 101.1547 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 70.9138, 79.1098, 101.1547 by changing the saturation by 10% instead.

■ 70.9138, 79.1098,
101.1547

■ 70.9138, 79.1098,
101.1547

452.9686,
491.9277, 585.1667

■ 52.5541, 58.9861,
76.6430

119.5302,
132.1134, 164.8088

■ 37.6730, 42.6019,
56.4501

150.5176,
165.7621, 204.7882

■ 25.9051, 29.5729,
40.1575

186.4449,
204.6880, 250.7607

■ 16.8849, 19.5146,
27.3466

227.6776,
249.2753, 303.1447

■ 10.2473, 12.0427,
17.5990

274.5810,
299.9086, 362.3587

■ 5.6267, 6.7728,
10.4960

327.5203,

■ 2.6580, 3.3204,

356.9721, 428.8214

5.6192

386.8611,
420.8504, 502.9512

■ 0.9756, 1.3012,
2.5499

■ 0.0000, 0.1421,
0.8664

■ 70.9138, 79.1098,
101.1547

■ 70.9138, 79.1098,
101.1547

■ 62.9315, 72.2257,
100.2479

■ 80.0541, 86.6993,
102.1392

■ 56.0471, 66.0089,
99.4108

■ 90.3949, 95.0112,
103.1985

■ 50.2055, 60.4318,
98.6422

■ 94.0991, 99.6197,
103.8928

■ 45.3437, 55.4609,
97.9390

■ 41.3917, 51.0587,
97.2976

■ 38.2693, 47.1830,
96.7140

■ 35.8815, 43.7833,
96.1837

■ 34.0771, 40.7806,
95.6992

■ 34.0231, 40.6877,
95.6841

Harmonies

Analogous

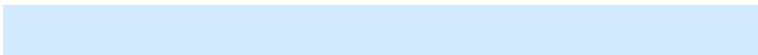
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1037, 79.1098, 92.3508



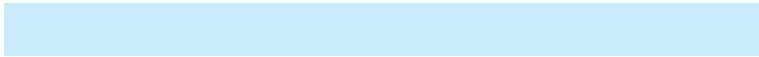
70.9138, 79.1098, 101.1547



73.9045, 79.1098, 106.0631

Triad

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



70.9138, 79.1098, 101.1547



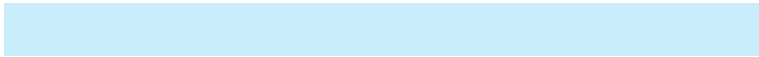
81.8604, 79.1098, 89.8977



73.0919, 79.1098, 69.4243

Complementary

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



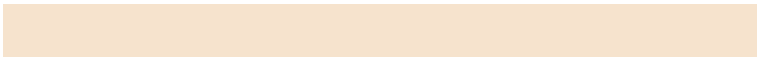
70.9138, 79.1098, 101.1547



73.2873, 71.8987, 64.6606

Split Complementary

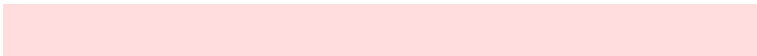
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4934, 79.1098, 68.8775



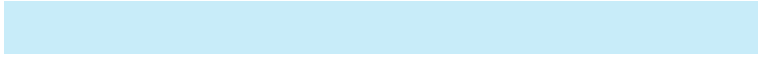
70.9138, 79.1098, 101.1547



81.6267, 79.1098, 80.2086

Square

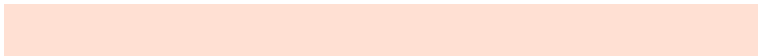
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



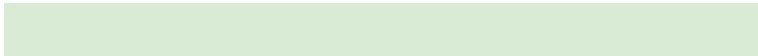
70.9138, 79.1098, 101.1547



80.2670, 79.1098, 99.2416



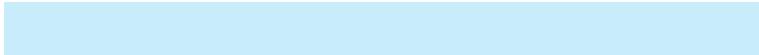
79.6378, 79.1098, 72.6847



70.3346, 79.1098, 74.2402

Rectangle

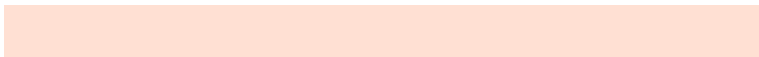
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9138, 79.1098, 101.1547



76.1962, 79.1098, 106.2339



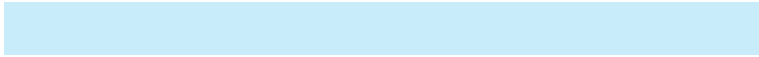
79.6378, 79.1098, 72.6847



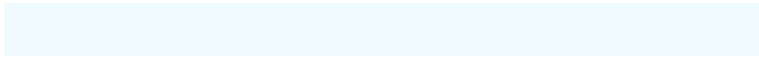
74.1957, 79.1098, 68.7496

Sweetspot

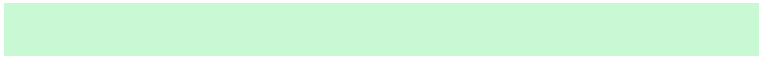
The Sweet Spot groups the original color and five complimentary colors.



70.9161, 79.1130, 101.1565



88.3624, 94.6507, 108.2200



69.6119, 84.7983, 75.1533



18.7634, 20.1382, 23.1481



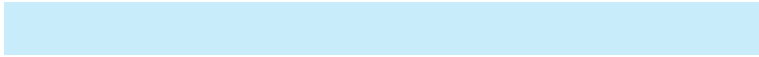
0.0000, 0.0000, 0.0000



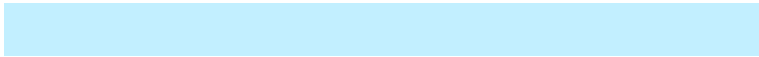
20.3446, 21.4041, 23.3091

Same Dimension

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



70.9161, 79.1130, 101.1565



71.0451, 80.2594, 106.3549



64.5260, 66.3328, 99.0264



17.3535, 18.7838, 22.0963



18.3344, 22.0244, 51.2584



1.7848, 2.2133, 4.7763

Inverse Universe

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



74.8634, 67.5063, 88.4448



76.0328, 65.9728, 90.2075



79.7056, 84.7351, 66.8000



17.7850, 17.4413, 20.7234



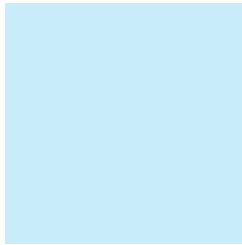
25.5464, 12.6343, 25.3835



2.4098, 1.1877, 2.5815

Previews

White Background



This preview shows how the XYZ color 70.9138, 79.1098, 101.1547 looks on a white background.

Color Contrast Check

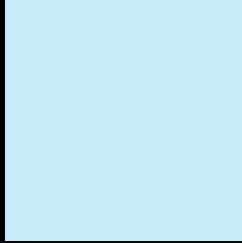
Large Text (above 18pt) WCAG AA × Fail

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 70.9138, 79.1098, 101.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

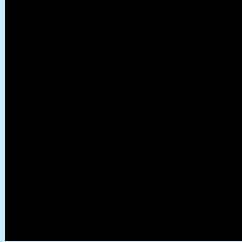
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9138, 79.1098, 101.1547

Background



This preview shows how black text looks on a background with the XYZ color 70.9138, 79.1098, 101.1547.



This preview shows how white text looks on a background with the XYZ color 70.9138, 79.1098,

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

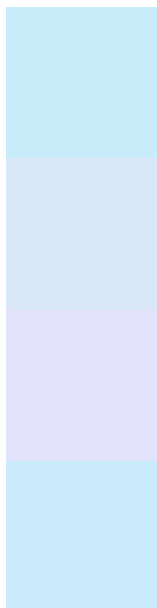




Tritanopia

71.6851, 78.9899, 105.2343

Trichromacy



Original Color

70.9138, 79.1098, 101.1547

Protanomaly

74.1239, 78.7111, 98.4748

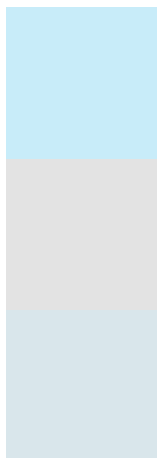
Deuteranomaly

76.8345, 78.7827, 102.4238

Tritanomaly

71.3664, 78.8624, 103.5560

Monochromacy



Original Color

70.9138, 79.1098, 101.1547

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.9075, 77.3435, 89.7361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9138, 79.1098, 101.1547 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(200, 236, 249)` looks like.

```
.text, #text, p{  
    color:rgb(200, 236, 249)  
}
```

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(200, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 236, 249) }
```

Border

The CSS property to change the border of an element to XYZ 70.9138, 79.1098, 101.1547 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(200, 236, 249) }
```


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

```
.border{ border-color:rgb(200, 236, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 236, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(200, 236,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9138, 79.1098, 101.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 236, 249) }
```

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

```
.background{ background-color: rgb(200,  
236, 249) }
```

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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