

Converting Colors

XYZ(70.9035, 79.1371, 91.2917)

Have a look what the booklet for
XYZ(70.9035, 79.1371, 91.2917)
contains.

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Color

**XYZ(71.0136, 79.3707,
91.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE CED
RGB	207, 236, 237
RGB Percent	81%, 93%, 93%
CMY	0.1882, 0.0745, 0.0706
CMYK	0.13, 0.00, 0.00, 0.07
HSL	182°, 45%, 87%
HSV	182°, 13%, 93%
XYZ	71.0136, 79.3707, 91.6980
YIQ	227.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

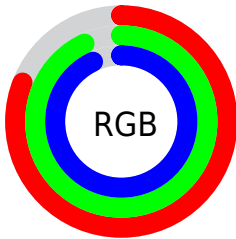
Format	Color
R_{YB}	207, 222, 237
Decimal	13626605
CIE Lab	91.40, -9.24, -3.69
CIE LCh	91, 9.948, 201.802
Yxy	79.3707, 0.2933, 0.3279
Android (android.graphics.Color)	4291816685 (0xFFCFECED)
YUV	227.4430, 4.7116, -17.9285
Hunter-Lab	89.0902, -13.6260, 1.3377

Details

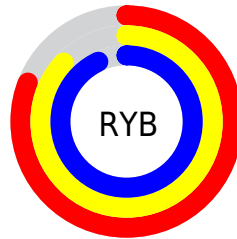
The XYZ color **71.0136, 79.3707, 91.6980** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7439, 67.6210, 68.4617**, and the grayscale version is **73.3139, 77.1320, 83.9967**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6106, 42.6541, 49.9668** is the 20% darker color. If you saturate the color by 10%, you get **64.6573, 75.7603, 91.3374**, and if you desaturate by 10%, it is **78.3693, 83.5021, 92.1090**.

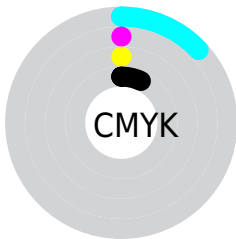
Distribution



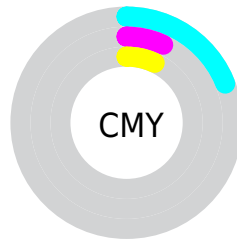
- Red (81%)
- Green (93%)
- Blue (93%)



- Red (81%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0136, 79.3707, 91.6980 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 71.0136, 79.3707, 91.6980 by changing the saturation by 10% instead.

71.0136, 79.3707,
91.6980

71.0136, 79.3707,
91.6980

453.3121,
492.8095, 554.2510

52.6359, 59.2006,
68.8082

119.6715,
132.4806, 151.6508

37.7385, 42.7747,
50.0847

150.6824,
166.1892, 189.5509

25.9561, 29.7083,
35.1091

186.6350,
205.1795, 233.2915

16.9233, 19.6173,
23.4627

227.8948,
249.8359, 283.2912

10.2748, 12.1172,
14.7270

274.8270,
300.5426, 339.9684

5.6452, 6.8235,
8.4835

327.7971,

2.6691, 3.3520,

357.6842, 403.7417

4.3137

387.1703,
421.6451, 475.0298

■ 0.9813, 1.3181,
1.7990

■ 0.0000, 0.1552,
0.4273

■ 71.0136, 79.3707,
91.6980

■ 71.0136, 79.3707,
91.6980

■ 64.6573, 75.7603,
91.3374

■ 78.3693, 83.5021,
92.1090

■ 59.2495, 72.6381,
91.0198


■ 86.7590, 88.1659,
92.5670


■ 54.7450, 69.9831,
90.7447


■ 87.2078, 88.7375,
92.6537


■ 51.0921, 67.7687,
90.5098


■ 87.4380, 89.1979,
92.7304

 48.2343, 65.9656,
90.3124


 87.6692, 89.6603,
92.8075


 46.1078, 64.5409,
90.1495

 87.9014, 90.1247,
92.8849


 44.6392, 63.4569,
90.0177

 88.1346, 90.5912,
92.9626

 43.7399, 62.6678,
89.9128

 88.3688, 91.0596,
93.0407

 43.3412, 62.2243,
89.8482

 88.6041, 91.5301,
93.1191

Harmonies

Analogous

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



70.7276, 79.3707, 84.4504



71.0136, 79.3707, 91.6980



72.4720, 79.3707, 97.8355

Triad

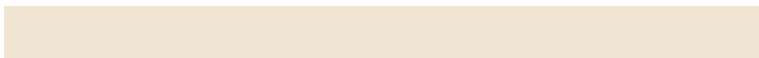
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0136, 79.3707, 91.6980



79.3263, 79.3707, 95.3232



76.1350, 79.3707, 73.3556

Complementary

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



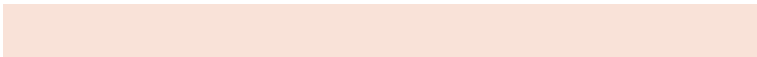
71.0136, 79.3707, 91.6980



68.7439, 67.6210, 68.4617

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.



78.4869, 79.3707, 75.9311



71.0136, 79.3707, 91.6980



80.3561, 79.3707, 88.4224

Square

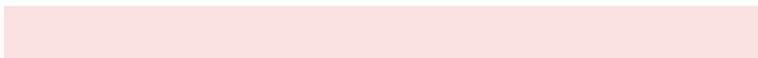
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0136, 79.3707, 91.6980



77.2602, 79.3707, 100.0086



80.0455, 79.3707, 81.3508



73.6476, 79.3707, 74.1238

Rectangle

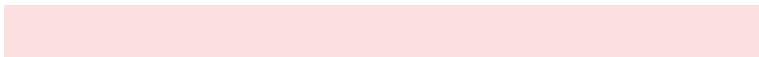
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



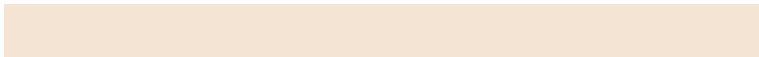
71.0136, 79.3707, 91.6980



73.9309, 79.3707, 100.3392



80.0455, 79.3707, 81.3508



76.9684, 79.3707, 73.8537

Sweetspot

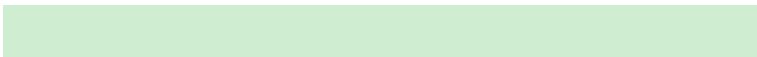
The Sweet Spot groups the original color and five complimentary colors.



71.0159, 79.3740, 91.6998



91.2884, 97.9005, 108.6930



67.3413, 78.3646, 70.9304



19.3928, 20.8727, 23.2567



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.



71.0159, 79.3740, 91.6998



81.9470, 92.6454, 108.1710



67.0081, 71.3585, 90.3639



15.4723, 17.0310, 19.3941



23.6825, 34.0120, 49.0597



1.8731, 2.6977, 3.8569

Inverse Universe

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



72.3800, 68.6878, 88.8040



83.8345, 77.8953, 104.1556



72.4431, 75.0194, 69.6948



15.6919, 15.3046, 18.9290



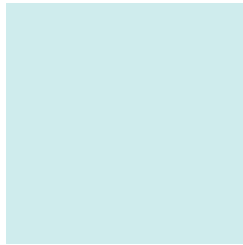
26.8091, 12.9263, 41.6578



2.1120, 1.0178, 3.3070

Previews

White Background



This preview shows how the XYZ color 71.0136, 79.3707, 91.6980 looks on a white background.

Color Contrast Check

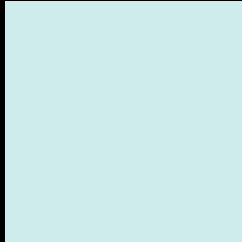
Large Text (above 18pt) WCAG AA × Fail

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 71.0136, 79.3707, 91.6980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

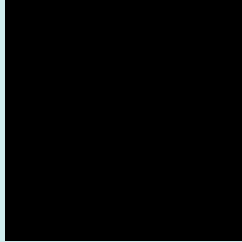
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0136, 79.3707, 91.6980

Background



This preview shows how black text looks on a background with the XYZ color 71.0136, 79.3707, 91.6980.



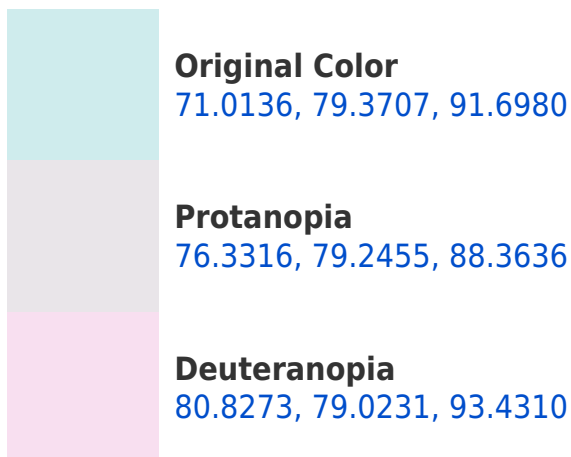
This preview shows how white text looks on a background with the XYZ color 71.0136, 79.3707,

91.6980.

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

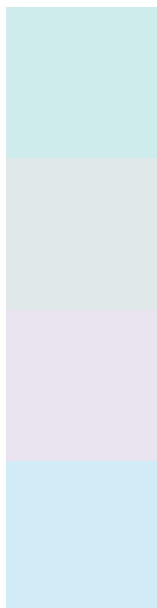




Tritanopia

73.5718, 79.5756, 103.5774

Trichromacy



Original Color

71.0136, 79.3707, 91.6980

Protanomaly

74.4484, 79.5010, 89.2633

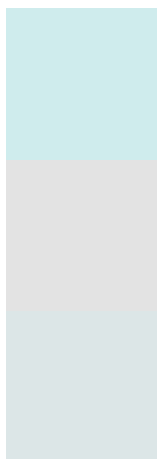
Deuteranomaly

76.9277, 79.0424, 92.8635

Tritanomaly

72.7913, 79.6874, 99.5404

Monochromacy



Original Color

71.0136, 79.3707, 91.6980

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.2358, 77.5788, 86.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0136, 79.3707, 91.6980 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, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(207, 236, 237)  
}
```

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, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 236, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.0136, 79.3707, 91.6980 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, 236, 237) }
```


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

```
.border{ border-color:rgb(207, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(207, 236,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0136, 79.3707, 91.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 236, 237) }
```

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

```
.background{ background-color: rgb(207,  
236, 237) }
```

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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