

Converting Colors

XYZ(71.9418, 86.7410, 72.9524)

Have a look what the booklet for
XYZ(71.9418, 86.7410, 72.9524)
contains.

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Color

**XYZ(71.9887, 86.5300,
73.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAD1
RGB	209, 250, 209
RGB Percent	82%, 98%, 82%
CMY	0.1804, 0.0196, 0.1804
CMYK	0.16, 0.00, 0.16, 0.02
HSL	120°, 80%, 90%
HSV	120°, 16%, 98%
XYZ	71.9887, 86.5300, 73.2293
YIQ	233.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

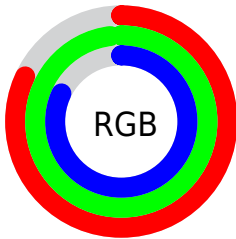
Format	Color
R_{YB}	209, 250, 250
Decimal	13761233
CIE _{Lab}	94.54, -20.69, 15.36
CIE _{LCh}	95, 25.765, 143.418
Yxy	86.5300, 0.3106, 0.3734
Android (android.graphics.Color)	4291951313 (0xFFD1FAD1)
YUV	233.0670, -11.8650, -21.1068
Hunter-Lab	93.0215, -24.6477, 18.4402

Details

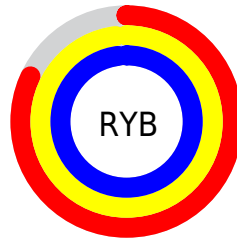
The XYZ color **71.9887, 86.5300, 73.2293** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.4832, 72.8290, 100.3146**, and the grayscale version is **77.5971, 81.6382, 88.9040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3128, 47.3765, 38.1356** is the 20% darker color. If you saturate the color by 10%, you get **62.6066, 82.0258, 57.8813**, and if you desaturate by 10%, it is **82.9712, 91.8080, 91.1911**.

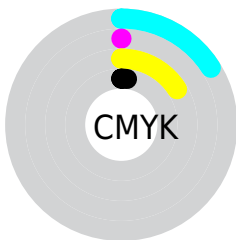
Distribution



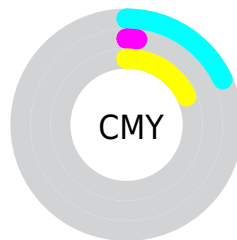
- Red (82%)
- Green (98%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9887, 86.5300, 73.2293 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 71.9887, 86.5300, 73.2293 by changing the saturation by 10% instead.

71.9887, 86.5300,
73.2293

71.9887, 86.5300,
73.2293

456.6605,
516.6772, 490.9012

53.4349, 65.1063,
53.6705

121.0514,
142.5089, 125.5266

38.3789, 47.5473,
37.9469

152.2909,
177.8328, 159.1022

26.4555, 33.4685,
25.6400

188.4897,
218.5590, 198.1872

17.2991, 22.4856,
16.3312

230.0132,
265.0719, 243.2000

10.5446, 14.2142,
9.6019

277.2266,
317.7557, 294.5593

5.8265, 8.2698,
5.0337

330.4954,

2.7796, 4.2680,

376.9949, 352.6836

2.2080

390.1849,
443.1740, 417.9914

■ 1.0383, 1.8246,
0.6790

■ 0.0000, 0.5024,
0.0000

■ 71.9887, 86.5300,
73.2293

■ 71.9887, 86.5300,
73.2293

■ 62.6066, 82.0258,
57.8813

■ 82.9712, 91.8080,
91.1911

■ 54.7436, 78.2489,
45.0199

■ 93.4773, 96.8546,
108.3758

■ 48.3220, 75.1642,
34.5161

■ 43.2543, 72.7300,
26.2270

■ 39.4436, 70.8995,
19.9939

■ 36.7803, 69.6202,
15.6374

■ 35.1357, 68.8302,
12.9472

■ 34.3493, 68.4524,
11.6607

■ 34.1873, 68.3747,
11.3959

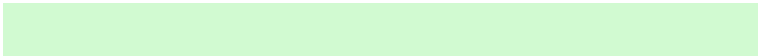
Harmonies

Analogous

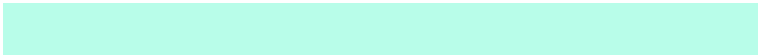
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0545, 86.5300, 63.3227



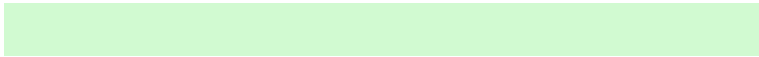
71.9887, 86.5300, 73.2293



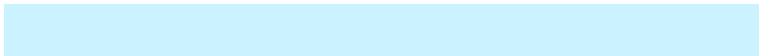
69.6891, 86.5300, 89.9043

Triad

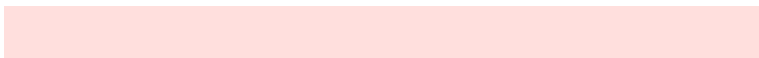
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9887, 86.5300, 73.2293



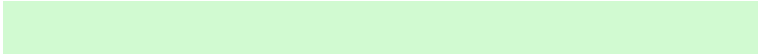
80.7244, 86.5300, 137.5020



95.1050, 86.5300, 79.8310

Complementary

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



71.9887, 86.5300, 73.2293



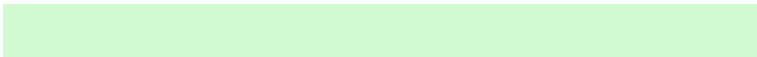
79.4832, 72.8290, 100.3146

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.



96.2233, 86.5300, 98.6644



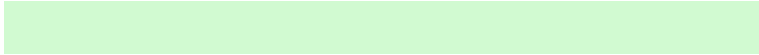
71.9887, 86.5300, 73.2293



87.6618, 86.5300, 133.8098

Square

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



71.9887, 86.5300, 73.2293



74.5461, 86.5300, 128.3520



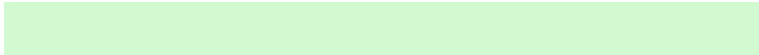
93.4301, 86.5300, 118.8731



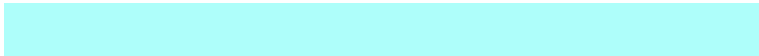
90.4547, 86.5300, 66.7429

Rectangle

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



71.9887, 86.5300, 73.2293



69.9368, 86.5300, 103.3649



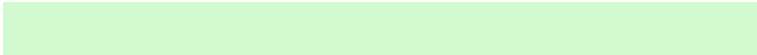
93.4301, 86.5300, 118.8731



95.9168, 86.5300, 85.6244

Sweetspot

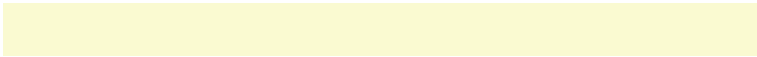
The Sweet Spot groups the original color and five complimentary colors.



71.9910, 86.5337, 73.2312



88.5285, 96.8674, 98.2329



85.1224, 93.3032, 73.8453



18.7601, 20.6430, 20.7174



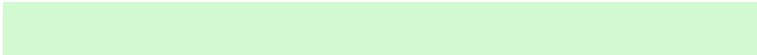
0.0000, 0.0000, 0.0000



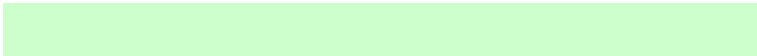
20.3446, 21.4041, 23.3091

Same Dimension

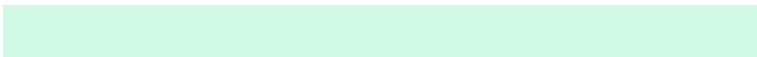
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9910, 86.5337, 73.2312



71.5610, 88.7170, 70.4797



74.6954, 87.6154, 87.4724



17.0175, 19.3093, 18.2926



18.1331, 36.2663, 6.0445



1.6794, 3.3589, 0.5598

Inverse Universe

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



79.4832, 72.8290, 100.3146



80.8827, 71.6657, 104.1769



76.4404, 71.6119, 84.2914



17.9931, 17.5246, 21.8195



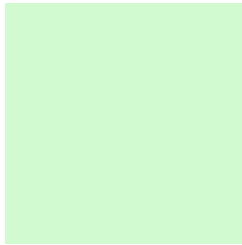
30.0643, 14.4415, 49.1746



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 71.9887, 86.5300, 73.2293 looks on a white background.

Color Contrast Check

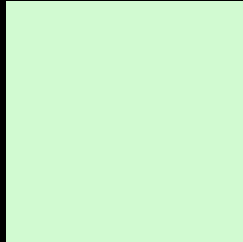
Large Text (above 18pt) WCAG AA × Fail

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 71.9887, 86.5300, 73.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

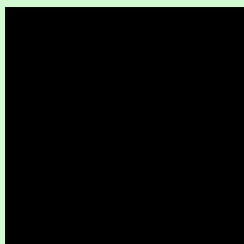
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

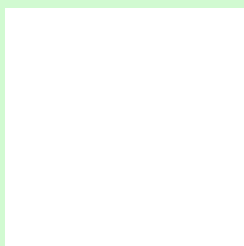
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9887, 86.5300, 73.2293

Background



This preview shows how black text looks on a background with the XYZ color 71.9887, 86.5300, 73.2293.

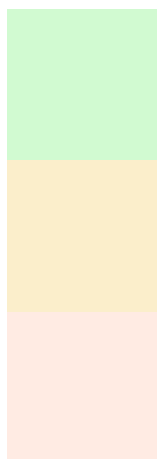


This preview shows how white text looks on a background with the XYZ color 71.9887, 86.5300,

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

71.9887, 86.5300, 73.2293

Protanopia

81.1377, 85.9701, 68.8174

Deuteranopia

84.8135, 86.2227, 84.8455



Tritanopia

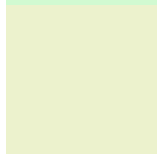
80.5566, 86.1381, 106.9883

Trichromacy



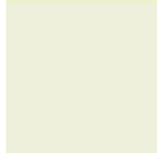
Original Color

71.9887, 86.5300, 73.2293



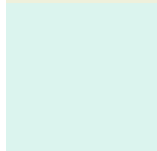
Protanomaly

77.3636, 85.7449, 70.2305



Deuteranomaly

79.3383, 85.6646, 80.0635



Tritanomaly

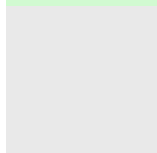
76.9967, 85.9345, 93.4178

Monochromacy



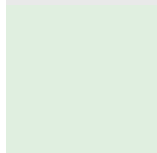
Original Color

71.9887, 86.5300, 73.2293



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.0615, 82.9621, 82.5781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9887, 86.5300, 73.2293 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, 250, 209)` looks like.

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

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, 250, 209) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 71.9887, 86.5300, 73.2293 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, 250, 209) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 71.9887, 86.5300, 73.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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