

Converting Colors

XYZ(71.3122, 85.9990, 79.3388)

Have a look what the booklet for
XYZ(71.3122, 85.9990, 79.3388)
contains.

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Color

**XYZ(71.1976, 85.9897,
79.1748)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFADA
RGB	202, 250, 218
RGB Percent	79%, 98%, 85%
CMY	0.2078, 0.0196, 0.1451
CMYK	0.19, 0.00, 0.13, 0.02
HSL	140°, 83%, 89%
HSV	140°, 19%, 98%
XYZ	71.1976, 85.9897, 79.1748
YIQ	232.0000, -18.3360, -20.1280

Conversions

Conversions Part 2

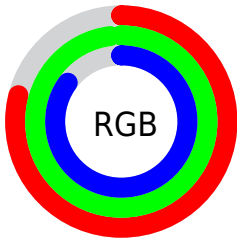
Format	Color
R_{YB}	202, 238, 250
Decimal	13302490
CIE Lab	94.31, -21.37, 10.34
CIE LCh	94, 23.741, 154.185
Yxy	85.9897, 0.3012, 0.3638
Android (android.graphics.Color)	4291492570 (0xFFCAFADA)
YUV	232.0000, -6.9020, -26.3100
Hunter-Lab	92.7306, -25.2282, 14.2888

Details

The XYZ color **71.1976, 85.9897, 79.1748** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.3992, 68.5076, 87.0950**, and the grayscale version is **76.7635, 80.7612, 87.9490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7134, 46.9873, 41.7321** is the 20% darker color. If you saturate the color by 10%, you get **62.9010, 81.9545, 67.9684**, and if you desaturate by 10%, it is **80.8142, 90.6848, 91.5917**.

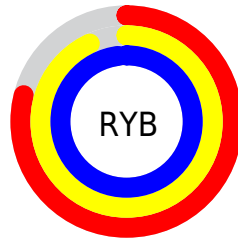
Distribution



Red (79%)

Green (98%)

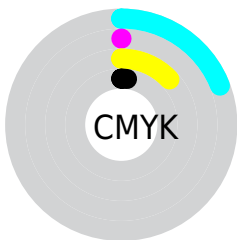
Blue (85%)



Red (79%)

Yellow (93%)

Blue (98%)

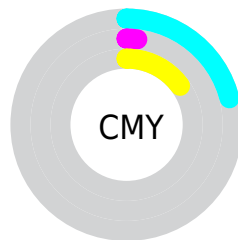


Cyan (19%)

Magenta (0%)

Yellow (13%)

Black (2%)



Cyan (21%)

Magenta (2%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1976, 85.9897, 79.1748 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 71.1976, 85.9897, 79.1748 by changing the saturation by 10% instead.

71.1976, 85.9897,
79.1748

71.1976, 85.9897,
79.1748

453.9450,
514.8972, 511.7807

52.7866, 64.6595,
58.5174

119.9320,
141.7551, 134.0058

37.8592, 47.1850,
41.8073

150.9862,
176.9591, 169.0165

26.0502, 33.1819,
28.6260

186.9854,
217.5564, 209.6486

16.9940, 22.2658,
18.5549

228.2950,
263.9315, 256.3208

10.3255, 14.0524,
11.1756

275.2804,
316.4687, 309.4516

5.6792, 8.1571,
6.0694

328.3070,

2.6898, 4.1956,

375.5525, 369.4595

2.8179

387.7401,
441.5672, 436.7630

■ 0.9919, 1.7836,
1.0024

■ 0.0000, 0.4769,
0.0000

■ 71.1976, 85.9897,
79.1748

■ 71.1976, 85.9897,
79.1748

■ 62.9010, 81.9545,
67.9684

■ 80.8142, 90.6848,
91.5917

■ 55.8581, 78.5387,
57.9302

■ 91.7989, 96.0567,
105.2480

■ 50.0075, 75.7136,
49.0240

■ 93.4772, 96.8545,
108.3757

■ 45.2796, 73.4444,
41.2093

■ 41.5973, 71.6920,
34.4435

■ 38.8732, 70.4124,
28.6806

■ 37.0043, 69.5535,
23.8715

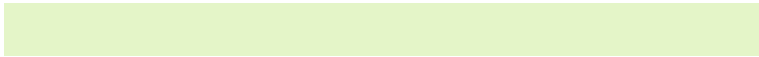
■ 35.8385, 69.0379,
19.9608

■ 35.7613, 69.0041,
19.6849

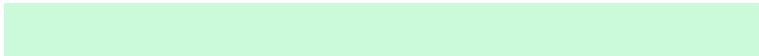
Harmonies

Analogous

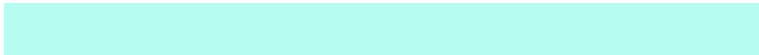
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0430, 85.9897, 67.5157



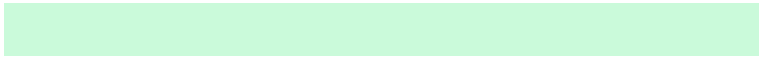
71.1976, 85.9897, 79.1748



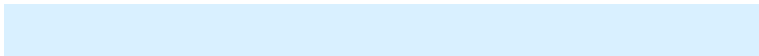
70.1185, 85.9897, 96.2105

Triad

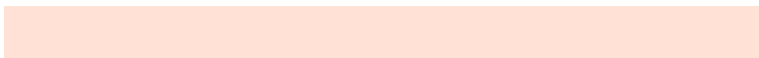
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1976, 85.9897, 79.1748



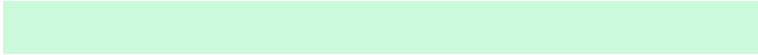
82.6274, 85.9897, 133.1310



92.2822, 85.9897, 75.2771

Complementary

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



71.1976, 85.9897, 79.1748



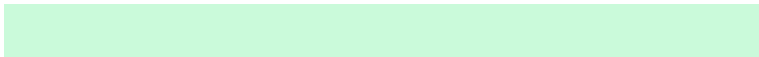
75.3992, 68.5076, 87.0950

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.



94.5588, 85.9897, 91.0925



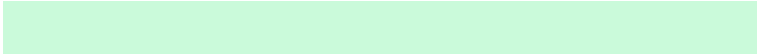
71.1976, 85.9897, 79.1748



88.8043, 85.9897, 125.7306

Square

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



71.1976, 85.9897, 79.1748



76.5145, 85.9897, 128.8711



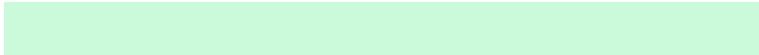
93.2544, 85.9897, 109.7414



87.1786, 85.9897, 65.4788

Rectangle

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



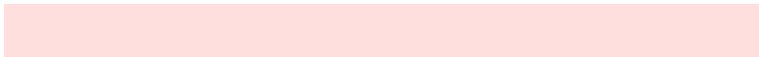
71.1976, 85.9897, 79.1748



71.0635, 85.9897, 108.7399



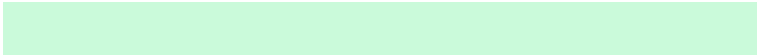
93.2544, 85.9897, 109.7414



93.4152, 85.9897, 79.9856

Sweetspot

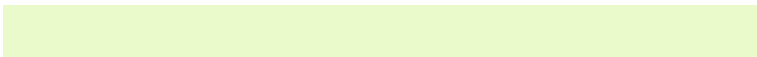
The Sweet Spot groups the original color and five complimentary colors.



71.2000, 85.9933, 79.1767



88.0443, 96.5731, 100.2260



79.0444, 90.2677, 69.1355



18.6887, 20.5942, 21.2565



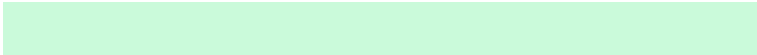
0.0000, 0.0000, 0.0000



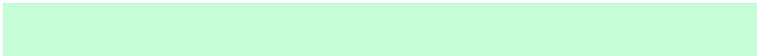
20.3446, 21.4041, 23.3091

Same Dimension

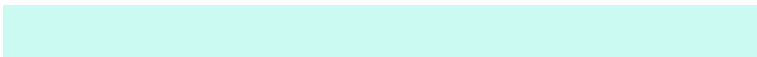
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2000, 85.9933, 79.1767



70.9977, 88.2554, 78.1902



74.4526, 87.2944, 96.3048



17.2560, 19.4047, 19.5486



19.0274, 36.6240, 10.7537



1.8093, 3.4108, 1.2436

Inverse Universe

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



75.3992, 68.5076, 87.0950



76.1197, 66.9222, 87.8448



72.2803, 67.2601, 70.6711



17.7327, 17.4204, 20.4481



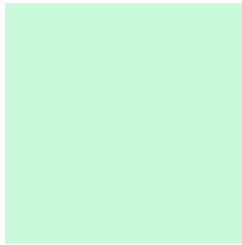
24.6652, 12.2818, 20.7430



2.3336, 1.1572, 2.1800

Previews

White Background



This preview shows how the XYZ color 71.1976, 85.9897, 79.1748 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 71.1976, 85.9897, 79.1748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

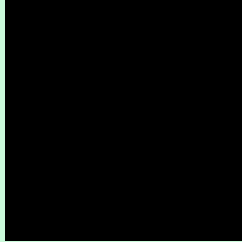
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

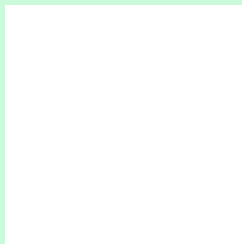
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1976, 85.9897, 79.1748

Background



This preview shows how black text looks on a background with the XYZ color 71.1976, 85.9897, 79.1748.



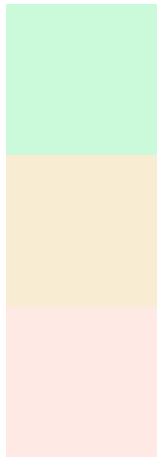
This preview shows how white text looks on a background with the XYZ color 71.1976, 85.9897,

79.1748.

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

71.1976, 85.9897, 79.1748

Protanopia

80.7535, 85.2280, 73.8225

Deuteranopia

84.5218, 85.1950, 86.1182



Tritanopia

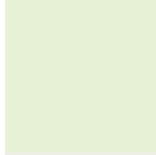
79.3173, 85.9399, 107.0153

Trichromacy



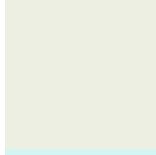
Original Color

71.1976, 85.9897, 79.1748



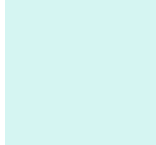
Protanomaly

76.8447, 85.3482, 76.0420



Deuteranomaly

79.0492, 85.0021, 83.4749



Tritanomaly

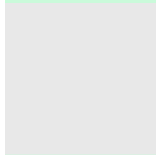
76.1200, 85.8618, 96.5654

Monochromacy



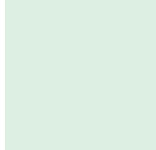
Original Color

71.1976, 85.9897, 79.1748



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.5504, 82.6512, 84.6971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1976, 85.9897, 79.1748 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(202, 250, 218)` looks like.

```
.text, #text, p{  
    color:rgb(202, 250, 218)  
}
```

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(202, 250, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 250, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.1976, 85.9897, 79.1748 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(202, 250, 218) }
```


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

```
.border{ border-color:rgb(202, 250, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 250, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 250, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 250, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 250,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1976, 85.9897, 79.1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 250, 218) }
```

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

```
.background{ background-color: rgb(202,  
250, 218) }
```

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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