

Converting Colors

XYZ(70.2659, 86.6871, 75.9163)

Have a look what the booklet for
XYZ(70.2659, 86.6871, 75.9163)
contains.

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Color

**XYZ(70.1093, 86.4307,
75.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FCD5
RGB	198, 252, 213
RGB Percent	78%, 99%, 84%
CMY	0.2235, 0.0117, 0.1647
CMYK	0.21, 0.00, 0.15, 0.01
HSL	137°, 90%, 88%
HSV	137°, 21%, 99%
XYZ	70.1093, 86.4307, 75.9384
YIQ	231.4080, -19.6650, -23.5770

Conversions

Conversions Part 2

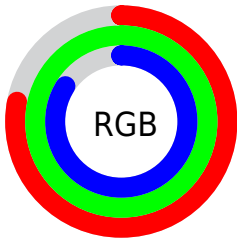
Format	Color
RYB	198, 240, 252
Decimal	13040853
CIELab	94.50, -24.51, 13.15
CIELCh	94, 27.812, 151.789
Yxy	86.4307, 0.3016, 0.3718
Android (android.graphics.Color)	4291230933 (0xFFC6FCD5)
YUV	231.4080, -9.0751, -29.2988
Hunter-Lab	92.9681, -28.0834, 16.6483

Details

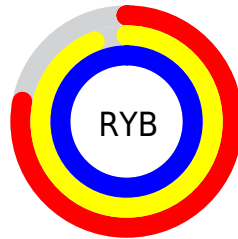
The XYZ color **70.1093, 86.4307, 75.9384** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.6280, 67.2000, 89.1093**, and the grayscale version is **76.3375, 80.3130, 87.4609**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0144, 47.3385, 39.5341** is the 20% darker color. If you saturate the color by 10%, you get **61.8295, 82.4169, 64.1614**, and if you desaturate by 10%, it is **79.7582, 91.1252, 89.1366**.

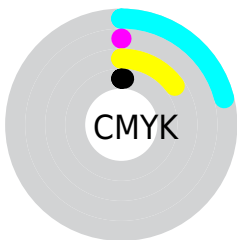
Distribution



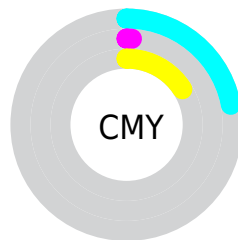
- Red (78%)
- Green (99%)
- Blue (84%)



- Red (78%)
- Yellow (94%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (22%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1093, 86.4307, 75.9384 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 70.1093, 86.4307, 75.9384 by changing the saturation by 10% instead.

 70.1093, 86.4307,
75.9384

 70.1093, 86.4307,
75.9384


450.1941,
516.3503, 500.4780

 51.8956, 65.0242,
55.8756

118.3900,
142.3704, 129.3991

 37.1458, 47.4807,
39.6999


149.1877,
177.6723, 163.6342

 25.4946, 33.4158,
26.9926


184.9108,
218.3748, 203.4304

 16.5766, 22.4452,
17.3353

225.9246,
264.8624, 249.2063

 10.0265, 14.1844,
10.3094

272.5945,
317.5193, 301.3805

 5.4789, 8.2490,
5.4963

325.2858,

 2.5685, 4.2547,

376.7300, 360.3715

2.4775

384.3639,
442.8789, 426.5978

■ 0.9299, 1.8170,
0.8282

■ 0.0000, 0.4978,
0.0000

■ 70.1093, 86.4307,
75.9384

■ 70.1093, 86.4307,
75.9384

■ 61.8295, 82.4169,
64.1614

■ 79.7582, 91.1252,
89.1366

■ 54.8487, 79.0413,
53.7523

■ 90.8282, 96.5190,
103.7955

■ 49.1009, 76.2734,
44.6630

■ 94.1021, 98.1042,
108.5840

■ 44.5115, 74.0759,
36.8402

■ 40.9973, 72.4070,
30.2271

■ 38.4635, 71.2191,
24.7624

■ 36.7977, 70.4556,
20.3792

■ 35.9176, 70.0664,
17.4253

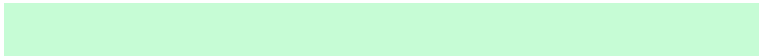
Harmonies

Analogous

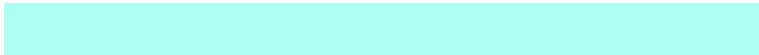
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7993, 86.4307, 63.2425



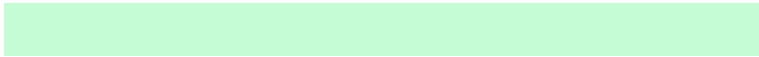
70.1093, 86.4307, 75.9384



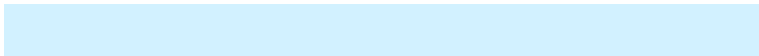
68.5886, 86.4307, 95.4009

Triad

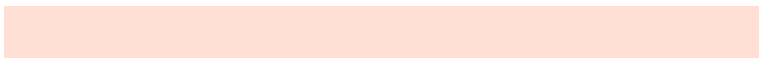
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.1093, 86.4307, 75.9384



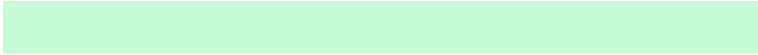
82.5999, 86.4307, 141.6077



94.9996, 86.4307, 74.0231

Complementary

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



70.1093, 86.4307, 75.9384



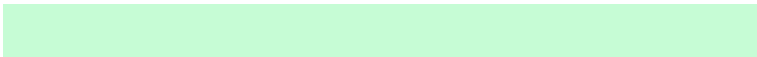
75.6280, 67.2000, 89.1093

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.



97.3901, 86.4307, 92.8275



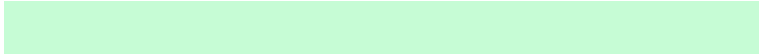
70.1093, 86.4307, 75.9384



89.9667, 86.4307, 133.6686

Square

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



70.1093, 86.4307, 75.9384



75.5327, 86.4307, 135.3011



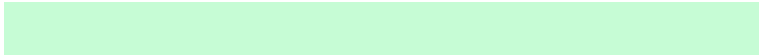
95.4955, 86.4307, 114.9675



89.1424, 86.4307, 62.2604

Rectangle

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



70.1093, 86.4307, 75.9384



69.4980, 86.4307, 110.2512



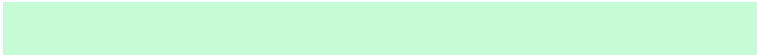
95.4955, 86.4307, 114.9675



96.2507, 86.4307, 79.6235

Sweetspot

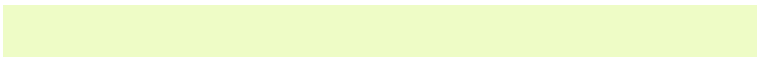
The Sweet Spot groups the original color and five complimentary colors.



70.1117, 86.4343, 75.9403



87.9149, 96.5214, 99.5449



80.1325, 91.8102, 66.9246



18.6582, 20.5820, 21.0959



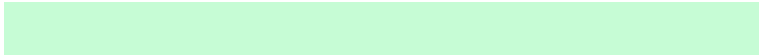
0.0000, 0.0000, 0.0000



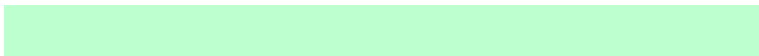
20.3446, 21.4041, 23.3091

Same Dimension

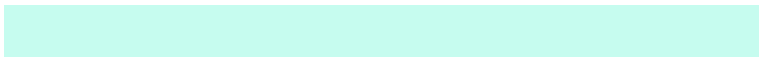
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1117, 86.4343, 75.9403



67.9486, 86.8112, 72.2808



73.7410, 87.8861, 95.0521



17.2155, 19.3885, 19.3353



18.7623, 36.5179, 9.3578



1.7806, 3.3993, 1.0926

Inverse Universe

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



75.6280, 67.2000, 89.1093



74.5985, 63.6164, 88.1499



72.0493, 65.7685, 70.2641



17.7753, 17.4375, 20.6726



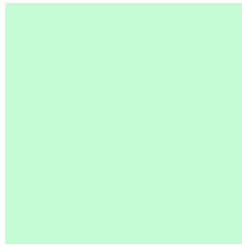
25.3762, 12.5662, 24.4870



2.3952, 1.1818, 2.5046

Previews

White Background



This preview shows how the XYZ color 70.1093, 86.4307, 75.9384 looks on a white background.

Color Contrast Check

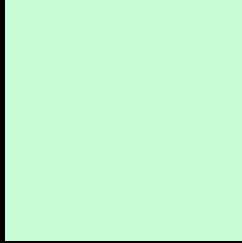
Large Text (above 18pt) WCAG AA × Fail

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 70.1093, 86.4307, 75.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

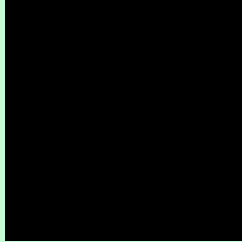
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

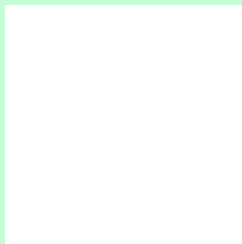
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1093, 86.4307, 75.9384

Background



This preview shows how black text looks on a background with the XYZ color 70.1093, 86.4307, 75.9384.



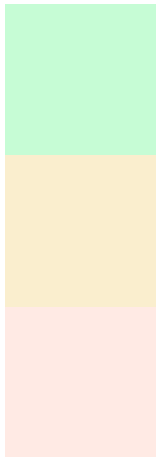
This preview shows how white text looks on a background with the XYZ color 70.1093, 86.4307,

75.9384.

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

70.1093, 86.4307, 75.9384

Protanopia

81.1395, 85.9293, 70.7020

Deuteranopia

84.6664, 85.7071, 85.4795



Tritanopia

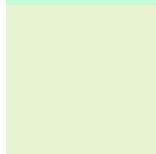
79.3173, 85.9399, 107.0153

Trichromacy



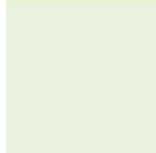
Original Color

70.1093, 86.4307, 75.9384



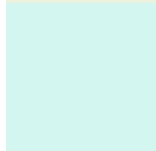
Protanomaly

76.5142, 85.6936, 72.8294



Deuteranomaly

78.7063, 85.7307, 82.2115



Tritanomaly

75.8353, 86.1999, 95.0794

Monochromacy



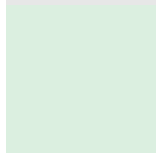
Original Color

70.1093, 86.4307, 75.9384



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.5345, 82.1749, 82.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1093, 86.4307, 75.9384 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, 252, 213)` looks like.

```
.text, #text, p{  
    color:rgb(198, 252, 213)  
}
```

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, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 252, 213) }
```

Border

The CSS property to change the border of an element to XYZ 70.1093, 86.4307, 75.9384 is called "border". The border property can be set on classes, ids or directly on the HTML element.

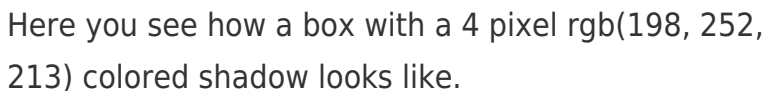
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 252, 213) }
```


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

```
.border{ border-color:rgb(198, 252, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(198, 252,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1093, 86.4307, 75.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 252, 213) }
```

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

```
.background{ background-color: rgb(198,  
252, 213) }
```

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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