

Converting Colors

XYZ(72.0022, 86.4216, 76.9952)

Have a look what the booklet for
XYZ(72.0022, 86.4216, 76.9952)
contains.

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Color

**XYZ(72.1835, 86.5429,
77.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFAD7
RGB	207, 250, 215
RGB Percent	81%, 98%, 84%
CMY	0.1882, 0.0196, 0.1569
CMYK	0.17, 0.00, 0.14, 0.02
HSL	131°, 81%, 90%
HSV	131°, 17%, 98%
XYZ	72.1835, 86.5429, 77.1900
YIQ	233.1530, -14.3930, -20.0010

Conversions

Conversions Part 2

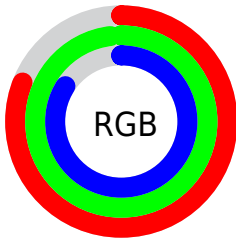
Format	Color
RYB	207, 243, 250
Decimal	13630167
CIELab	94.54, -20.30, 12.26
CIElCh	95, 23.717, 148.872
Yxy	86.5429, 0.3060, 0.3668
Android (android.graphics.Color)	4291820247 (0xFFCFFAD7)
YUV	233.1530, -8.9494, -22.9362
Hunter-Lab	93.0284, -24.2964, 15.9242

Details

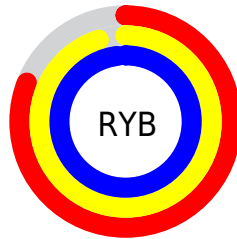
The XYZ color **72.1835, 86.5429, 77.1900** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.7672, 71.3625, 93.6839**, and the grayscale version is **77.6423, 81.6858, 88.9558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3640, 47.3534, 40.3758** is the 20% darker color. If you saturate the color by 10%, you get **63.2900, 82.2442, 63.9630**, and if you desaturate by 10%, it is **82.5129, 91.5492, 92.1856**.

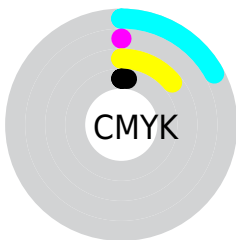
Distribution



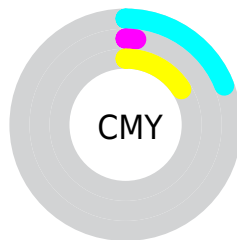
- Red (81%)
- Green (98%)
- Blue (84%)



- Red (81%)
- Yellow (95%)
- Blue (98%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1835, 86.5429, 77.1900 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 72.1835, 86.5429, 77.1900 by changing the saturation by 10% instead.

72.1835, 86.5429,
77.1900

72.1835, 86.5429,
77.1900

457.3278,
516.7197, 504.8665

53.5946, 65.1170,
56.8963

121.3268,
142.5268, 131.1831

38.5070, 47.5560,
40.5132

152.6118,
177.8537, 165.7196

26.5554, 33.4754,
27.6221

188.8597,
218.5830, 205.8409

17.3745, 22.4909,
17.8044

230.4356,
265.0991, 251.9653

10.5988, 14.2180,
10.6417

277.7051,
317.7864, 304.5116

5.8630, 8.2725,
5.7153

331.0333,

2.8018, 4.2698,

377.0293, 363.8982

2.6068

390.7858,
443.2123, 430.5436

■ 1.0499, 1.8256,
0.8960

■ 0.0000, 0.5030,
0.0000

■ 72.1835, 86.5429,
77.1900

■ 72.1835, 86.5429,
77.1900

■ 63.2900, 82.2442,
63.9630

■ 82.5129, 91.5492,
92.1856

■ 55.7616, 78.6105,
52.4339

■ 93.4773, 96.8545,
108.3758

■ 49.5319, 75.6116,
42.5355

■ 44.5261, 73.2105,
34.1941

■ 40.6619, 71.3663,
27.3301

■ 37.8461, 70.0330,
21.8570

■ 35.9708, 69.1567,
17.6791

■ 34.8993, 68.6695,
14.6884

■ 34.6905, 68.5758,
14.0460

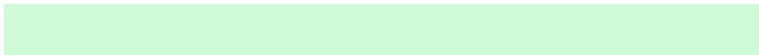
Harmonies

Analogous

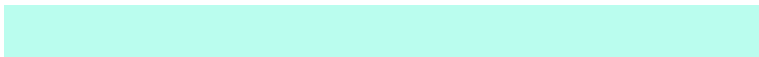
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4668, 86.5429, 66.6601



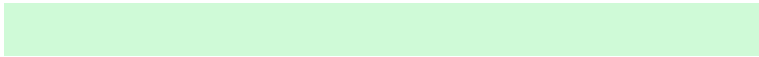
72.1835, 86.5429, 77.1900



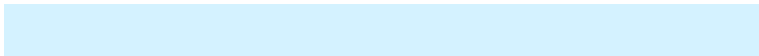
70.5767, 86.5429, 93.5398

Triad

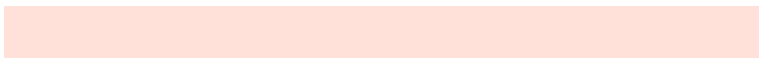
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1835, 86.5429, 77.1900



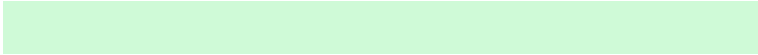
82.0149, 86.5429, 133.9591



93.4884, 86.5429, 78.2447

Complementary

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



72.1835, 86.5429, 77.1900



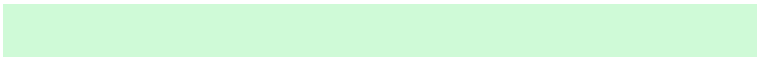
77.7672, 71.3625, 93.6839

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.



95.1585, 86.5429, 94.9246



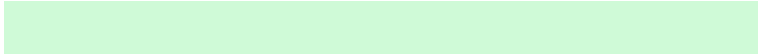
72.1835, 86.5429, 77.1900



88.3311, 86.5429, 128.5147

Square

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



72.1835, 86.5429, 77.1900



76.0687, 86.5429, 127.6651



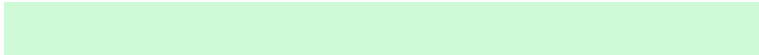
93.2254, 86.5429, 113.6107



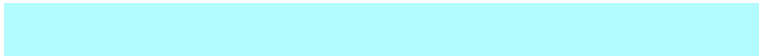
88.7710, 86.5429, 67.2113

Rectangle

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



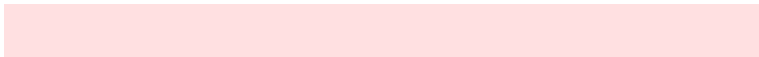
72.1835, 86.5429, 77.1900



71.1724, 86.5429, 106.0733



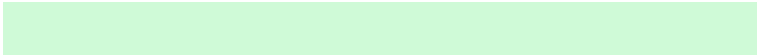
93.2254, 86.5429, 113.6107



94.4353, 86.5429, 83.3037

Sweetspot

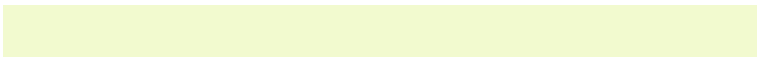
The Sweet Spot groups the original color and five complimentary colors.



72.1859, 86.5466, 77.1919



88.8876, 97.0110, 100.1241



82.1096, 91.7783, 72.4199



18.8470, 20.6778, 21.1750



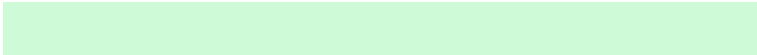
0.0000, 0.0000, 0.0000



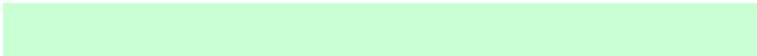
20.3446, 21.4041, 23.3091

Same Dimension

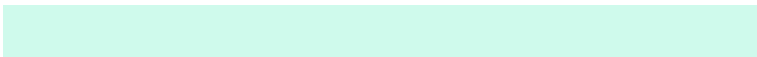
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1859, 86.5466, 77.1919



71.7782, 88.7238, 75.2417



75.1166, 87.7188, 92.6247



17.1493, 19.3620, 18.9866



18.4381, 36.3882, 7.6502



1.7421, 3.3839, 0.8898

Inverse Universe

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



77.7672, 71.3625, 93.6839



78.7189, 69.8383, 95.7475



74.7400, 70.1516, 77.7425



17.8464, 17.4659, 21.0468



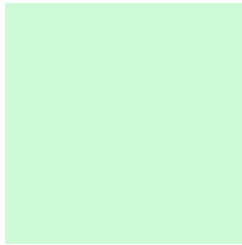
26.7109, 13.1001, 31.5158



2.5085, 1.2271, 3.1013

Previews

White Background



This preview shows how the XYZ color 72.1835, 86.5429, 77.1900 looks on a white background.

Color Contrast Check

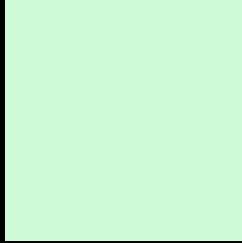
Large Text (above 18pt) WCAG AA × Fail

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 72.1835, 86.5429, 77.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

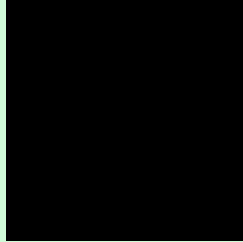
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

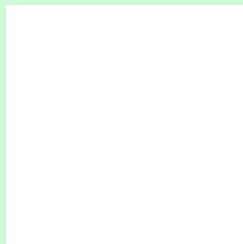
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1835, 86.5429, 77.1900

Background



This preview shows how black text looks on a background with the XYZ color 72.1835, 86.5429, 77.1900.

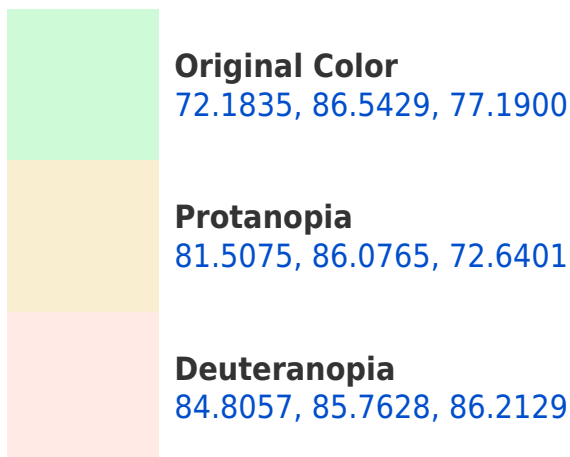


This preview shows how white text looks on a background with the XYZ color 72.1835, 86.5429,

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

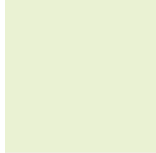
80.2336, 86.4122, 107.0582

Trichromacy



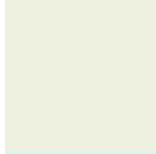
Original Color

72.1835, 86.5429, 77.1900



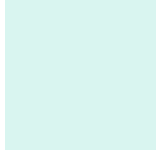
Protanomaly

77.4417, 85.6998, 74.0881



Deuteranomaly

79.8745, 85.8791, 82.8875



Tritanomaly

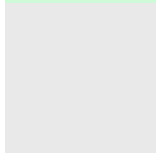
76.9959, 86.3478, 95.0468

Monochromacy



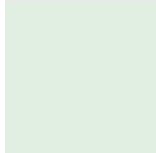
Original Color

72.1835, 86.5429, 77.1900



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.3344, 83.0713, 84.0153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1835, 86.5429, 77.1900 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, 250, 215)` looks like.

```
.text, #text, p{  
    color:rgb(207, 250, 215)  
}
```

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, 250, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 250, 215) }
```

Border

The CSS property to change the border of an element to XYZ 72.1835, 86.5429, 77.1900 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, 250, 215) }
```


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

```
.border{ border-color:rgb(207, 250, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 250, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 250, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 250, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 250,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1835, 86.5429, 77.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 250, 215) }
```

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

```
.background{ background-color: rgb(207,  
250, 215) }
```

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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