

Converting Colors

XYZ(69.2706, 87.4943, 72.2686)

Have a look what the booklet for
XYZ(69.2706, 87.4943, 72.2686)
contains.

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Color

**XYZ(69.2706, 87.4943,
72.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFCF
RGB	194, 255, 207
RGB Percent	76%, 100%, 81%
CMY	0.2392, 0.0000, 0.1882
CMYK	0.24, 0.00, 0.19, 0.00
HSL	133°, 100%, 88%
HSV	133°, 24%, 100%
XYZ	69.2706, 87.4943, 72.2686
YIQ	231.2890, -20.9480, -27.8600

Conversions

Conversions Part 2

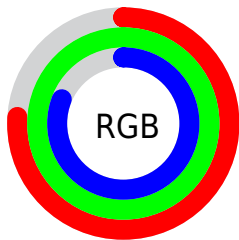
Format	Color
RYB	194, 244, 255
Decimal	12779471
CIELab	94.95, -28.26, 16.83
CIELCh	95, 32.894, 149.227
Yxy	87.4943, 0.3024, 0.3820
Android (android.graphics.Color)	4290969551 (0xFFC2FFCF)
YUV	231.2890, -11.9745, -32.7025
Hunter-Lab	93.5384, -31.5026, 19.6689

Details

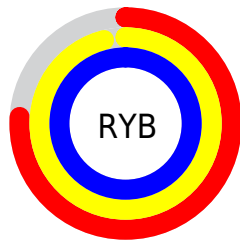
The XYZ color **69.2706, 87.4943, 72.2686** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.5591, 66.2551, 92.7574**, and the grayscale version is **76.2681, 80.2400, 87.3813**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **36.5913, 48.1770, 37.5075** is the 20% darker color. If you saturate the color by 10%, you get **60.9783, 83.4851, 59.8786**, and if you desaturate by 10%, it is **78.9990, 92.2078, 86.3559**.

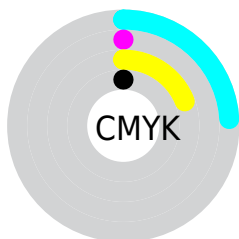
Distribution



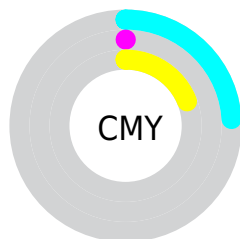
- Red (76%)
- Green (100%)
- Blue (81%)



- Red (76%)
- Yellow (96%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2706, 87.4943, 72.2686 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 69.2706, 87.4943, 72.2686 by changing the saturation by 10% instead.

69.2706, 87.4943,
72.2686

69.2706, 87.4943,
72.2686

447.2912,
519.8458, 487.4786

51.2096, 65.9043,
52.8899

117.1999,
143.8529, 124.1496

36.5971, 48.1948,
37.3278

147.7990,
179.3904, 157.4890

25.0680, 33.9811,
25.1636

183.3080,
220.3457, 196.3191

16.2567, 22.8791,
15.9789

224.0925,
267.1035, 241.0584

9.7980, 14.5043,
9.3550

270.5176,
320.0480, 292.1255

5.3265, 8.4722,
4.8735

322.9489,

2.4768, 4.3986,

379.5636, 349.9389

2.1158

381.7517,
446.0347, 414.9170

■ 0.8836, 1.8989,
0.6251

■ 0.0000, 0.5477,
0.0000

■ 69.2706, 87.4943,
72.2686

■ 69.2706, 87.4943,
72.2686

■ 60.9783, 83.4851,
59.8786

■ 78.9990, 92.2078,
86.3559

■ 54.0512, 80.1451,
49.1178

■ 90.2257, 97.6564,
102.1971

■ 48.4150, 77.4373,
39.9193

95.0500, 100.0000,
108.9000

■ 43.9877, 75.3210,
32.2103

■ 40.6775, 73.7505,
25.9120

■ 38.3789, 72.6732,
20.9382

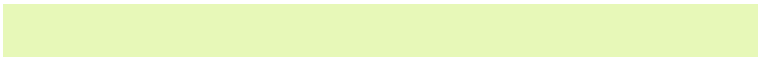
■ 36.9648, 72.0256,
17.1931

■ 36.4341, 71.7896,
15.4695

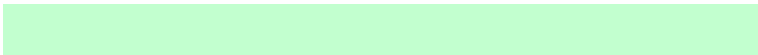
Harmonies

Analogous

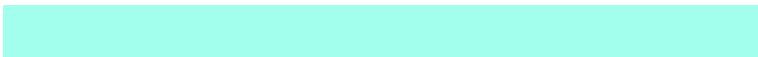
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0600, 87.4943, 58.4911



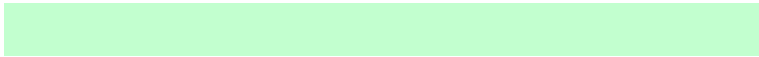
69.2706, 87.4943, 72.2686



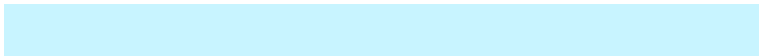
67.1549, 87.4943, 94.6048

Triad

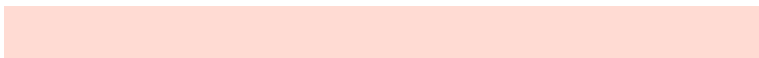
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2706, 87.4943, 72.2686



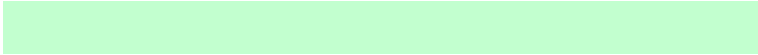
82.9294, 87.4943, 153.3425



99.0535, 87.4943, 73.2282

Complementary

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



69.2706, 87.4943, 72.2686



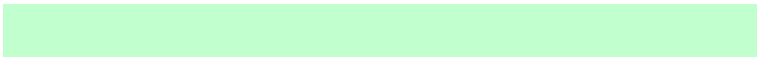
76.5591, 66.2551, 92.7574

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.



101.5269, 87.4943, 95.9311



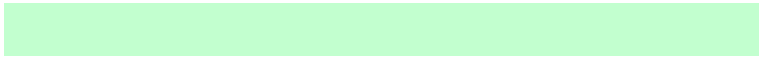
69.2706, 87.4943, 72.2686



91.8242, 87.4943, 144.9146

Square

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



69.2706, 87.4943, 72.2686



74.6861, 87.4943, 144.0393



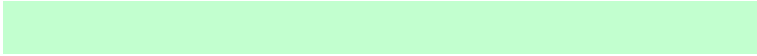
98.7936, 87.4943, 122.6889



92.2533, 87.4943, 58.9715

Rectangle

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



69.2706, 87.4943, 72.2686



67.9870, 87.4943, 112.3846



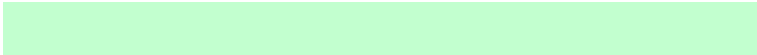
98.7936, 87.4943, 122.6889



100.4392, 87.4943, 79.9812

Sweetspot

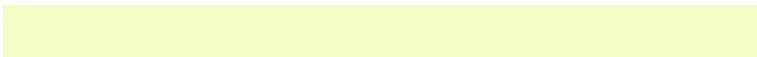
The Sweet Spot groups the original color and five complimentary colors.



69.2713, 87.4946, 72.2700



86.6055, 95.8985, 97.1290



82.3911, 94.4343, 64.9250



18.3889, 20.4543, 20.5812



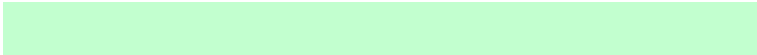
0.0000, 0.0000, 0.0000



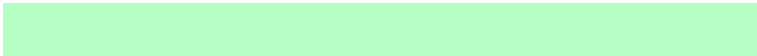
20.3446, 21.4041, 23.3091

Same Dimension

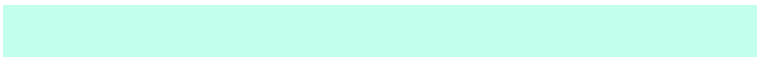
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2713, 87.4946, 72.2700



64.8842, 85.3724, 65.7685



73.2509, 89.0865, 93.2262



17.9300, 20.2315, 19.9341



19.0814, 37.5292, 8.3142



1.8958, 3.6693, 1.0092

Inverse Universe

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



76.5591, 66.2551, 92.7574



73.3894, 60.5742, 89.6707



72.4538, 64.6130, 71.1395



18.6171, 18.2302, 21.8669



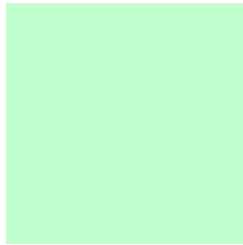
27.0933, 13.3266, 30.2055



2.6774, 1.3133, 3.1485

Previews

White Background



This preview shows how the XYZ color 69.2706, 87.4943, 72.2686 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 69.2706, 87.4943, 72.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

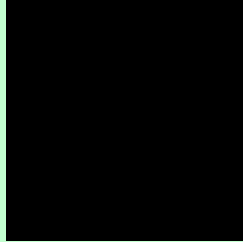
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

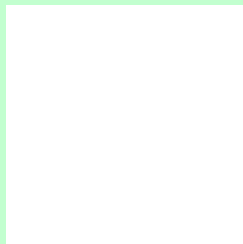
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2706, 87.4943, 72.2686

Background



This preview shows how black text looks on a background with the XYZ color 69.2706, 87.4943, 72.2686.



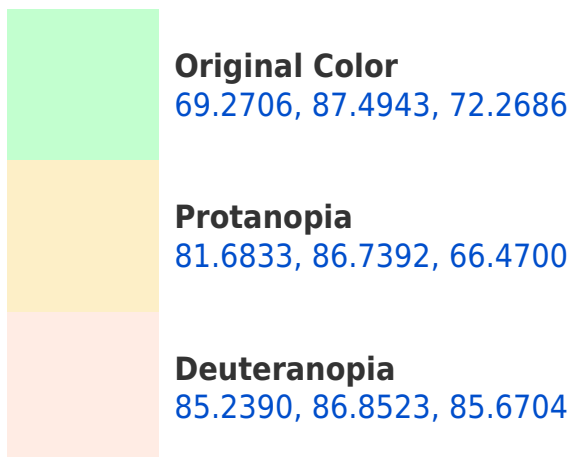
This preview shows how white text looks on a background with the XYZ color 69.2706, 87.4943,

72.2686.

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

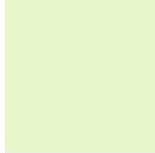
80.2195, 87.2935, 107.2291

Trichromacy



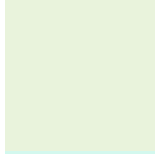
Original Color

69.2706, 87.4943, 72.2686



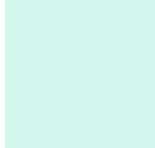
Protanomaly

76.5918, 86.7249, 68.5799



Deuteranomaly

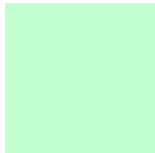
78.5731, 86.5921, 80.2829



Tritanomaly

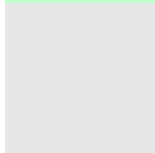
75.8640, 87.1567, 93.7134

Monochromacy



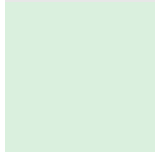
Original Color

69.2706, 87.4943, 72.2686



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.2583, 82.4995, 81.1701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2706, 87.4943, 72.2686 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(194, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 207)  
}
```

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(194, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.2706, 87.4943, 72.2686 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(194, 255, 207) }
```


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

```
.border{ border-color:rgb(194, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2706, 87.4943, 72.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 207) }
```

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

```
.background{ background-color: rgb(194,  
255, 207) }
```

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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