

Converting Colors

XYZ(103.4515, 155.8458,
82.8788)

Have a look what the booklet for
XYZ(103.4515, 155.8458, 82.8788)
contains.

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Color

**XYZ(69.4063, 87.5783,
71.6387)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFCE
RGB	195, 255, 206
RGB Percent	76%, 100%, 81%
CMY	0.2353, 0.0000, 0.1921
CMYK	0.24, 0.00, 0.19, 0.00
HSL	131°, 100%, 88%
HSV	131°, 24%, 100%
XYZ	69.4063, 87.5783, 71.6387
YIQ	231.4740, -20.0310, -27.9590

Conversions

Conversions Part 2

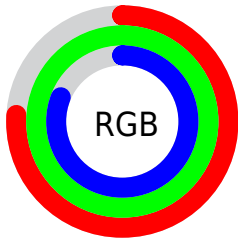
Format	Color
RYB	195, 246, 255
Decimal	12845006
CIELab	94.98, -28.12, 17.40
CIELCh	95, 33.070, 148.254
Yxy	87.5783, 0.3036, 0.3831
Android (android.graphics.Color)	4291035086 (0xFFC3FFCE)
YUV	231.4740, -12.5587, -31.9877
Hunter-Lab	93.5833, -31.3857, 20.1214

Details

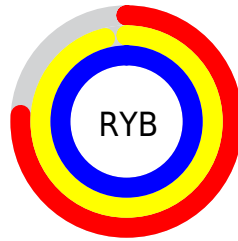
The XYZ color **69.4063, 87.5783, 71.6387** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.0846, 66.8227, 94.4231**, and the grayscale version is **76.4099, 80.3892, 87.5438**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **36.6768, 48.2306, 37.0821** is the 20% darker color. If you saturate the color by 10%, you get **61.0058, 83.5209, 58.9030**, and if you desaturate by 10%, it is **79.2686, 92.3506, 86.1954**.

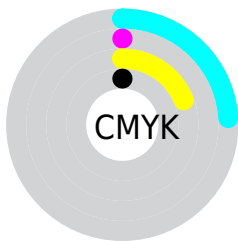
Distribution



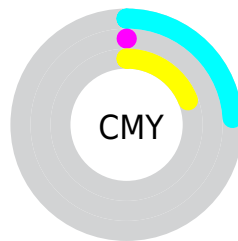
- Red (76%)
- Green (100%)
- Blue (81%)



- 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 69.4063, 87.5783, 71.6387 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 69.4063, 87.5783, 71.6387 by changing the saturation by 10% instead.

69.4063, 87.5783,
71.6387

69.4063, 87.5783,
71.6387

447.7617,
520.1213, 485.2268

51.3205, 65.9739,
52.3786

117.3926,
143.9699, 123.2457

36.6858, 48.2512,
36.9226

148.0238,
179.5259, 156.4295

25.1369, 34.0259,
24.8522

183.5676,
220.5012, 195.0918

16.3084, 22.9135,
15.7490

224.3892,
267.2802, 239.6509

9.8348, 14.5296,
9.1943

270.8541,
320.2473, 290.5254

5.3510, 8.4899,
4.7696

323.3275,

2.4915, 4.4100,

379.7870, 348.1338

2.0563

382.1749,
446.2835, 412.8948

■ 0.8910, 1.9055,
0.5896

■ 0.0000, 0.5517,
0.0000

■ 69.4063, 87.5783,
71.6387

■ 69.4063, 87.5783,
71.6387

■ 61.0058, 83.5209,
58.9030

■ 79.2686, 92.3506,
86.1954

■ 53.9947, 80.1426,
47.9124

■ 90.6560, 97.8689,
102.6363

■ 48.2976, 77.4060,
38.5920

■ 95.0500, 100.0000,
108.9000

■ 43.8310, 75.2699,
30.8600

■ 40.5015, 73.6880,
24.6273

■ 38.2021, 72.6072,
19.7962

■ 36.8040, 71.9633,
16.2573

■ 36.2681, 71.7232,
14.5956

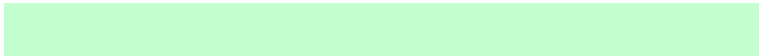
Harmonies

Analogous

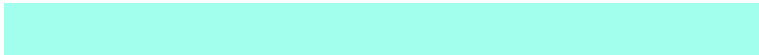
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3330, 87.5783, 58.1016



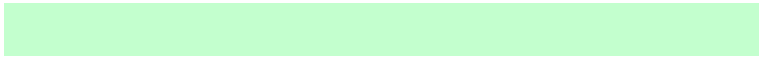
69.4063, 87.5783, 71.6387



67.1503, 87.5783, 93.8597

Triad

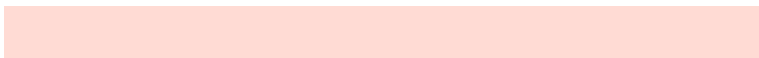
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4063, 87.5783, 71.6387



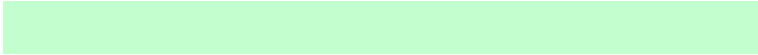
82.7158, 87.5783, 153.8029



99.3915, 87.5783, 73.8162

Complementary

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



69.4063, 87.5783, 71.6387



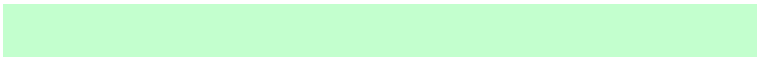
77.0846, 66.8227, 94.4231

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.



101.7153, 87.5783, 96.8719



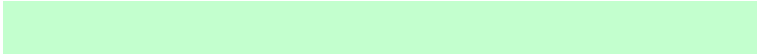
69.4063, 87.5783, 71.6387



91.6830, 87.5783, 145.8734

Square

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



69.4063, 87.5783, 71.6387



74.4840, 87.5783, 143.8830



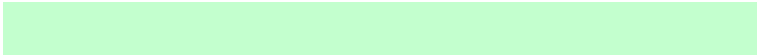
98.8008, 87.5783, 123.8078



92.6579, 87.5783, 59.1908

Rectangle

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



69.4063, 87.5783, 71.6387



67.8990, 87.5783, 111.6977



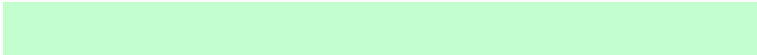
98.8008, 87.5783, 123.8078



100.7347, 87.5783, 80.6947

Sweetspot

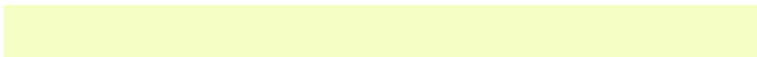
The Sweet Spot groups the original color and five complimentary colors.



69.4070, 87.5787, 71.6401



86.5262, 95.8668, 96.7114



82.9189, 94.6934, 65.5382



18.3706, 20.4469, 20.4848



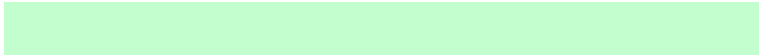
0.0000, 0.0000, 0.0000



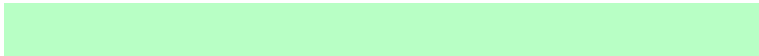
20.3446, 21.4041, 23.3091

Same Dimension

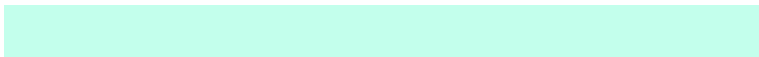
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4070, 87.5787, 71.6401



65.4741, 85.6781, 65.7243



73.4066, 89.1785, 92.7016



17.9075, 20.2226, 19.8162



18.9897, 37.4925, 7.8310



1.8838, 3.6644, 0.9459

Inverse Universe

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



77.0846, 66.8227, 94.4231



74.3109, 61.7804, 91.9412



72.8933, 65.1462, 72.3518



18.6414, 18.2399, 21.9946



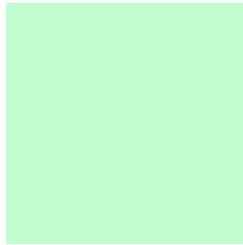
27.5653, 13.5154, 32.6909



2.7194, 1.3301, 3.3695

Previews

White Background



This preview shows how the XYZ color 69.4063, 87.5783, 71.6387 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 69.4063, 87.5783, 71.6387 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 69.4063, 87.5783, 71.6387

Background



This preview shows how black text looks on a background with the XYZ color 69.4063, 87.5783, 71.6387.



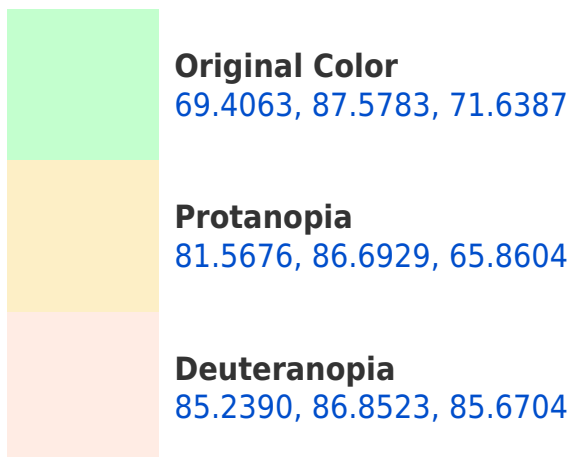
This preview shows how white text looks on a background with the XYZ color 69.4063, 87.5783, 71.6387.

71.6387.

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

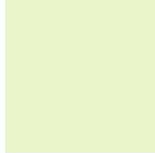
80.5249, 87.4510, 107.2434

Trichromacy



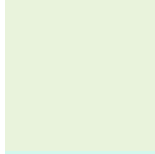
Original Color

69.4063, 87.5783, 71.6387



Protanomaly

76.4737, 86.6777, 67.9582



Deuteranomaly

78.5731, 86.5921, 80.2829



Tritanomaly

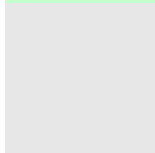
76.0048, 87.2463, 92.9551

Monochromacy



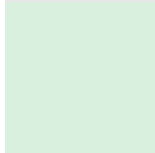
Original Color

69.4063, 87.5783, 71.6387



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 69.4063, 87.5783, 71.6387 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(195, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 206)  
}
```

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(195, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 206) }
```

Border

The CSS property to change the border of an element to XYZ 69.4063, 87.5783, 71.6387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

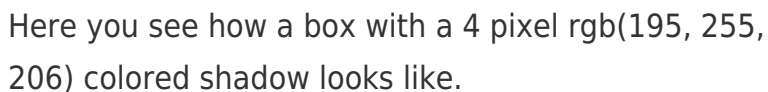
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 255, 206) }
```


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

```
.border{ border-color:rgb(195, 255, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4063, 87.5783, 71.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 206) }
```

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

```
.background{ background-color: rgb(195,  
255, 206) }
```

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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