

Converting Colors

XYZ(73.4816, 98.0821, 72.4508)

Have a look what the booklet for
XYZ(73.4816, 98.0821, 72.4508)
contains.

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Color

**XYZ(67.8943, 86.8268,
70.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFCC
RGB	190, 255, 204
RGB Percent	75%, 100%, 80%
CMY	0.2549, 0.0000, 0.2000
CMYK	0.25, 0.00, 0.20, 0.00
HSL	133°, 100%, 87%
HSV	133°, 25%, 100%
XYZ	67.8943, 86.8268, 70.3076
YIQ	229.7510, -22.3690, -29.6410

Conversions

Conversions Part 2

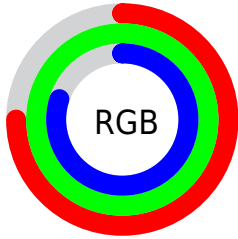
Format	Color
RYB	190, 243, 255
Decimal	12517324
CIELab	94.66, -30.04, 17.93
CIElCh	95, 34.990, 149.164
Yxy	86.8268, 0.3017, 0.3858
Android (android.graphics.Color)	4290707404 (0xFFBEFFCC)
YUV	229.7510, -12.6952, -34.8616
Hunter-Lab	93.1809, -33.0063, 20.4907

Details

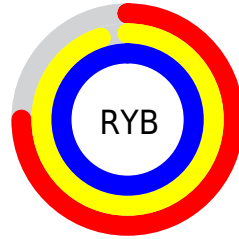
The XYZ color **67.8943, 86.8268, 70.3076** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.5309, 64.4384, 91.6756**, and the grayscale version is **75.1321, 79.0448, 86.0798**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **35.6908, 47.7411, 36.1880** is the 20% darker color. If you saturate the color by 10%, you get **59.8248, 82.9265, 58.1979**, and if you desaturate by 10%, it is **77.3877, 91.4255, 84.0959**.

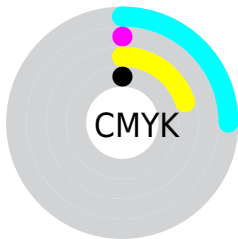
Distribution



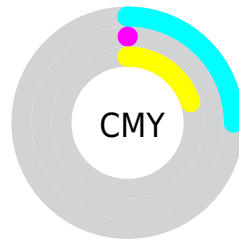
- Red (75%)
- Green (100%)
- Blue (80%)



- Red (75%)
- Yellow (95%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.8943, 86.8268, 70.3076 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 67.8943, 86.8268, 70.3076 by changing the saturation by 10% instead.


 67.8943, 86.8268,
70.3076

 67.8943, 86.8268,
70.3076


442.5040,
517.6536, 480.4476

 50.0851, 65.3519,
51.2990


 115.2437,
142.9227, 121.3325

 35.6991, 47.7465,
36.0682


145.5145,
178.3125, 154.1859

 24.3709, 33.6262,
24.1968


180.6700,
219.1093, 192.4914

 15.7352, 22.6065,
15.2661

221.0755,
265.6977, 236.6673

 9.4266, 14.3033,
8.8577

267.0962,
318.4619, 287.1324

 5.0798, 8.3319,
4.5529

319.0977,

 2.3294, 4.3080,

377.7863, 344.3051

1.9333

377.4452,
444.0554, 408.6040

■ 0.8097, 1.8473,
0.5138

■ 0.0000, 0.5164,
0.0000

■ 67.8943, 86.8268,
70.3076

■ 67.8943, 86.8268,
70.3076

■ 59.8248, 82.9265,
58.1979

■ 77.3877, 91.4255,
84.0959

■ 53.1074, 79.6890,
47.6985

■ 88.3679, 96.7537,
99.6192

■ 47.6673, 77.0771,
38.7426

■ 95.0500, 100.0000,
108.9000

■ 43.4210, 75.0493,
31.2572

■ 40.2751, 73.5592,
25.1631

■ 38.1216, 72.5528,
20.3738

■ 36.8288, 71.9642,
16.7926

■ 36.4478, 71.7951,
15.5421

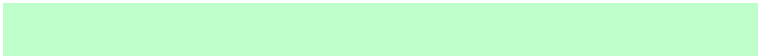
Harmonies

Analogous

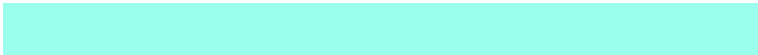
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9888, 86.8268, 56.0072



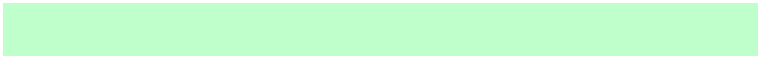
67.8943, 86.8268, 70.3076



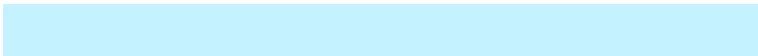
65.6669, 86.8268, 93.7832

Triad

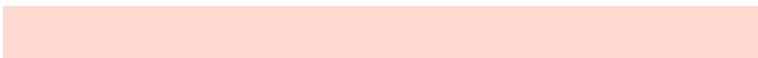
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8943, 86.8268, 70.3076



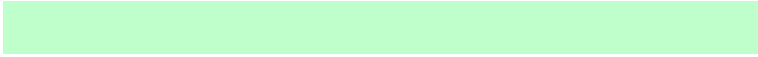
82.2617, 86.8268, 156.6635



99.4221, 86.8268, 71.3914

Complementary

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



67.8943, 86.8268, 70.3076



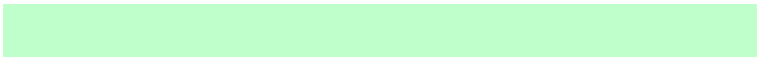
75.5309, 64.4384, 91.6756

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.



102.0494, 86.8268, 95.3001



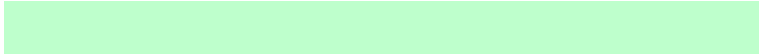
67.8943, 86.8268, 70.3076



91.6964, 86.8268, 147.6177

Square

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



67.8943, 86.8268, 70.3076



73.5632, 86.8268, 146.5992



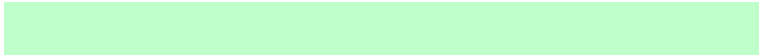
99.1225, 86.8268, 123.7835



92.1894, 86.8268, 56.5439

Rectangle

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



67.8943, 86.8268, 70.3076



66.5332, 86.8268, 112.6622



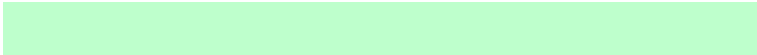
99.1225, 86.8268, 123.7835



100.8965, 86.8268, 78.4728

Sweetspot

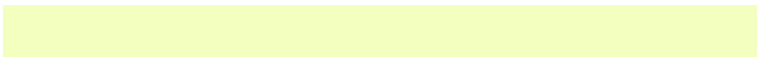
The Sweet Spot groups the original color and five complimentary colors.



67.8950, 86.8271, 70.3090



85.4681, 95.3458, 95.5557



81.6725, 94.1151, 62.5775



17.9317, 20.2322, 19.9431



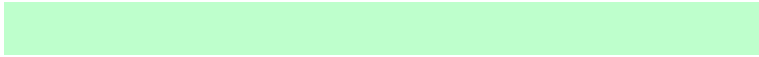
0.0000, 0.0000, 0.0000



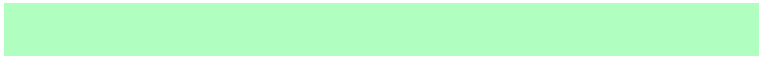
20.3446, 21.4041, 23.3091

Same Dimension

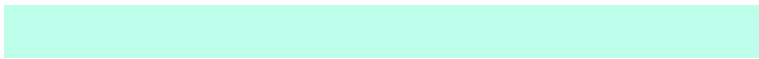
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8950, 86.8271, 70.3090



63.2763, 84.5935, 63.4319



72.0634, 88.4945, 92.2599



17.9317, 20.2322, 19.9431



19.0890, 37.5322, 8.3541



1.8968, 3.6696, 1.0143

Inverse Universe

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



75.5309, 64.4384, 91.6756



72.1841, 58.4625, 88.3478



71.2246, 62.7159, 68.9988



18.6153, 18.2294, 21.8571



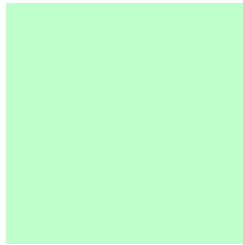
27.0582, 13.3126, 30.0209



2.6742, 1.3121, 3.1320

Previews

White Background



This preview shows how the XYZ color 67.8943, 86.8268, 70.3076 looks on a white background.

Color Contrast Check

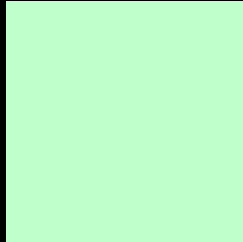
Large Text (above 18pt) WCAG AA × Fail

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 67.8943, 86.8268, 70.3076 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

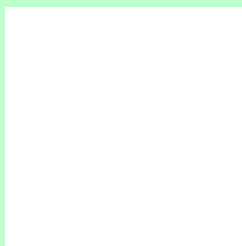
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8943, 86.8268, 70.3076

Background



This preview shows how black text looks on a background with the XYZ color 67.8943, 86.8268, 70.3076.



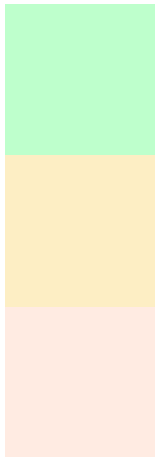
This preview shows how white text looks on a background with the XYZ color 67.8943, 86.8268,

70.3076.

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

67.8943, 86.8268, 70.3076

Protanopia

81.0464, 86.0172, 64.5559

Deuteranopia

84.6758, 86.1676, 84.1206



Tritanopia

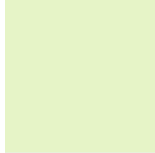
79.0140, 86.2266, 107.0867

Trichromacy



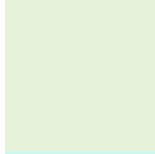
Original Color

67.8943, 86.8268, 70.3076



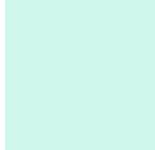
Protanomaly

75.2926, 85.6479, 66.5962



Deuteranomaly

77.3620, 85.5551, 78.7660



Tritanomaly

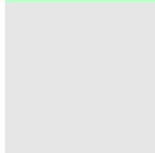
74.4135, 85.9876, 92.0321

Monochromacy



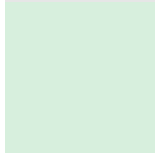
Original Color

67.8943, 86.8268, 70.3076



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

71.9420, 81.4005, 80.3267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8943, 86.8268, 70.3076 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(190, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 204)  
}
```

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(190, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.8943, 86.8268, 70.3076 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(190, 255, 204) }
```


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

```
.border{ border-color:rgb(190, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(190, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8943, 86.8268, 70.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 204) }
```

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

```
.background{ background-color: rgb(190,  
255, 204) }
```

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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