

Converting Colors

XYZ(94.3225, 140.3235,
80.8451)

Have a look what the booklet for
XYZ(94.3225, 140.3235, 80.8451)
contains.

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Color

**XYZ(67.5160, 86.5898,
72.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFFCF
RGB	187, 255, 207
RGB Percent	73%, 100%, 81%
CMY	0.2667, 0.0000, 0.1882
CMYK	0.27, 0.00, 0.19, 0.00
HSL	138°, 100%, 87%
HSV	138°, 27%, 100%
XYZ	67.5160, 86.5898, 72.1865
YIQ	229.1960, -25.1200, -29.3440

Conversions

Conversions Part 2

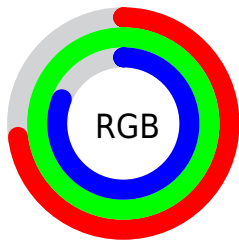
Format	Color
RYB	187, 240, 255
Decimal	12320719
CIELab	94.56, -30.44, 16.23
CIELCh	95, 34.499, 151.928
Yxy	86.5898, 0.2984, 0.3826
Android (android.graphics.Color)	4290510799 (0xFFBBFFCF)
YUV	229.1960, -10.9426, -37.0059
Hunter-Lab	93.0536, -33.3314, 19.1432

Details

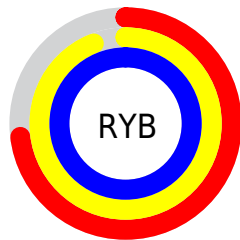
The XYZ color **67.5160, 86.5898, 72.1865** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.0060, 62.7995, 86.8180**, and the grayscale version is **74.7114, 78.6022, 85.5978**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **35.4596, 47.5936, 37.4546** is the 20% darker color. If you saturate the color by 10%, you get **59.7448, 82.8235, 60.9831**, and if you desaturate by 10%, it is **76.6471, 91.0281, 84.7659**.

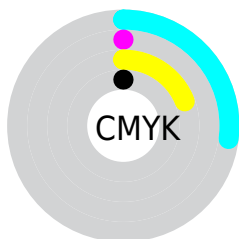
Distribution



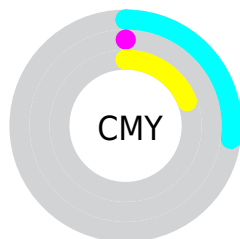
- Red (73%)
- Green (100%)
- Blue (81%)



- Red (73%)
- Yellow (94%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5160, 86.5898, 72.1865 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 67.5160, 86.5898, 72.1865 by changing the saturation by 10% instead.


 67.5160, 86.5898,
72.1865

 67.5160, 86.5898,
72.1865

441.1829,
516.8740, 487.1855

 49.7763, 65.1558,
52.8233

 114.7052,
142.5923, 124.0318

 35.4528, 47.5874,
37.2749


144.8854,
177.9295, 157.3510

 24.1800, 33.5003,
25.1230

179.9432,
218.6699, 196.1593

 15.5927, 22.5100,
15.9489

220.2439,
265.1980, 240.8751

 9.3254, 14.2321,
9.3340

266.1529,
317.8980, 291.9171

 5.0128, 8.2823,
4.8599

318.0355,

 2.2896, 4.2761,

377.1544, 349.7038

2.1080

376.2570,
443.3516, 414.6538

■ 0.7893, 1.8292,
0.6205

■ 0.0000, 0.5053,
0.0000

■ 67.5160, 86.5898,
72.1865

■ 67.5160, 86.5898,
72.1865

■ 59.7448, 82.8235,
60.9831

■ 76.6471, 91.0281,
84.7659

■ 53.2646, 79.6948,
51.1047

■ 87.1984, 96.1686,
98.7617

■ 48.0030, 77.1673,
42.5031

95.0500, 100.0000,
108.9000

■ 43.8799, 75.2007,
35.1254

■ 40.8046, 73.7497,
28.9153

■ 38.6721, 72.7610,
23.8115

■ 37.3518, 72.1690,
19.7468

■ 37.0301, 72.0280,
18.6083

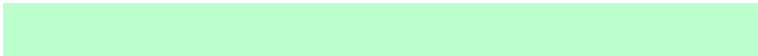
Harmonies

Analogous

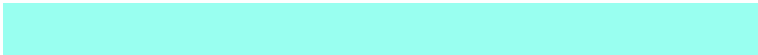
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2057, 86.5898, 57.1685



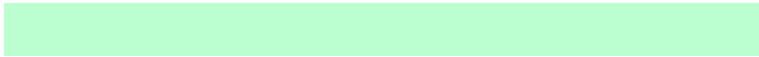
67.5160, 86.5898, 72.1865



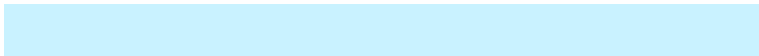
65.6988, 86.5898, 96.0144

Triad

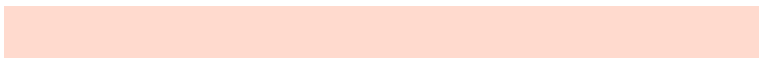
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5160, 86.5898, 72.1865



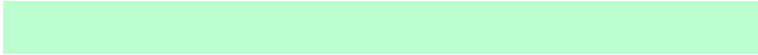
82.9038, 86.5898, 155.2527



98.4217, 86.5898, 69.7185

Complementary

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



67.5160, 86.5898, 72.1865



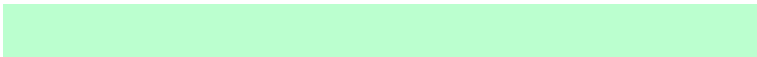
74.0060, 62.7995, 86.8180

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.



101.4881, 86.5898, 92.5697



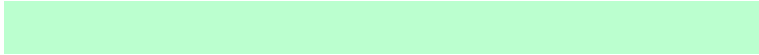
67.5160, 86.5898, 72.1865



92.1201, 86.5898, 144.7407

Square

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



67.5160, 86.5898, 72.1865



74.1733, 86.5898, 147.0448



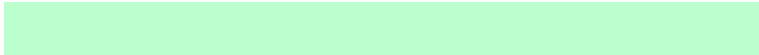
99.1007, 86.5898, 120.4796



91.0017, 86.5898, 55.9435

Rectangle

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



67.5160, 86.5898, 72.1865



66.8090, 86.5898, 114.7187



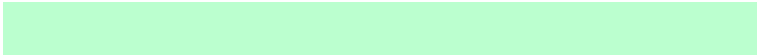
99.1007, 86.5898, 120.4796



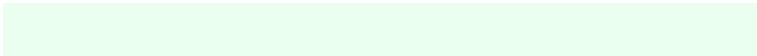
100.0199, 86.5898, 76.4283

Sweetspot

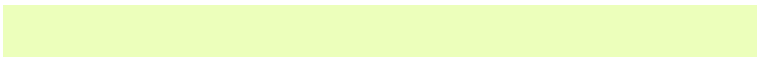
The Sweet Spot groups the original color and five complimentary colors.



67.5167, 86.5901, 72.1879



85.7065, 95.4412, 96.8111



79.2336, 92.8953, 60.7692



17.9913, 20.2561, 20.2574



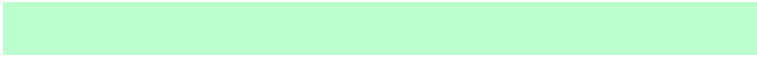
0.0000, 0.0000, 0.0000



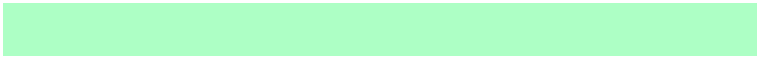
20.3446, 21.4041, 23.3091

Same Dimension

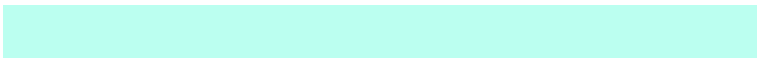
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.5167, 86.5901, 72.1879



63.2062, 84.4995, 66.0433



72.0218, 88.3922, 95.9117



17.9913, 20.2561, 20.2574



19.4054, 37.6587, 10.0199



1.9348, 3.6848, 1.2143

Inverse Universe

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



74.0060, 62.7995, 86.8180



70.6840, 57.0702, 82.8907



69.6400, 61.0531, 63.8265



18.5516, 18.2040, 21.5219



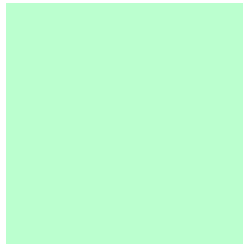
25.9218, 12.8580, 24.0364



2.5718, 1.2711, 2.5923

Previews

White Background



This preview shows how the XYZ color 67.5160, 86.5898, 72.1865 looks on a white background.

Color Contrast Check

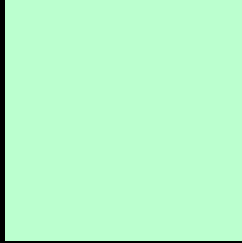
Large Text (above 18pt) WCAG AA × Fail

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 67.5160, 86.5898, 72.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

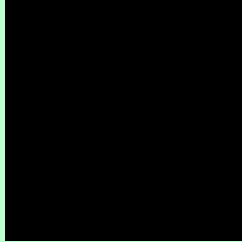
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

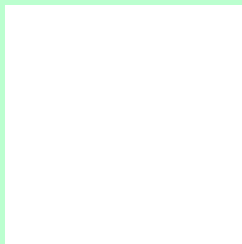
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5160, 86.5898, 72.1865

Background



This preview shows how black text looks on a background with the XYZ color 67.5160, 86.5898, 72.1865.



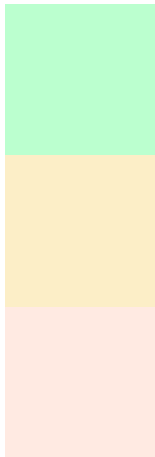
This preview shows how white text looks on a background with the XYZ color 67.5160, 86.5898,

72.1865.

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

67.5160, 86.5898, 72.1865

Protanopia

81.0282, 85.9680, 66.3557

Deuteranopia

84.3903, 85.5966, 84.0255



Tritanopia

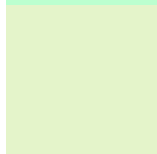
78.7159, 86.0729, 107.0727

Trichromacy



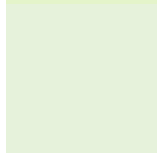
Original Color

67.5160, 86.5898, 72.1865



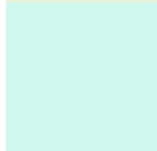
Protanomaly

75.0063, 85.4596, 68.4192



Deuteranomaly

77.1714, 85.4417, 79.4424



Tritanomaly

74.1470, 85.8164, 93.5452

Monochromacy



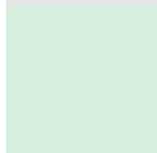
Original Color

67.5160, 86.5898, 72.1865



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.3572, 80.6657, 80.2157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5160, 86.5898, 72.1865 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(187, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 67.5160, 86.5898, 72.1865 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(187, 255, 207) }
```


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

```
.border{ border-color:rgb(187, 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(187, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5160, 86.5898, 72.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 207) }
```

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

```
.background{ background-color: rgb(187,  
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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