

Converting Colors

XYZ(67.0050, 86.2627, 75.0391)

Have a look what the booklet for
XYZ(67.0050, 86.2627, 75.0391)
contains.

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Color

**XYZ(67.0463, 86.2904,
74.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FFD3
RGB	183, 255, 211
RGB Percent	72%, 100%, 83%
CMY	0.2823, 0.0000, 0.1725
CMYK	0.28, 0.00, 0.17, 0.00
HSL	143°, 100%, 86%
HSV	143°, 28%, 100%
XYZ	67.0463, 86.2904, 74.7500
YIQ	228.4560, -28.7880, -28.9480

Conversions

Conversions Part 2

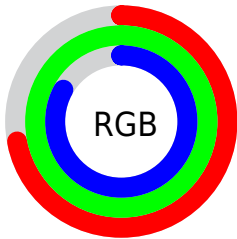
Format	Color
RYB	183, 235, 255
Decimal	12058579
CIELab	94.44, -30.93, 13.97
CIELCh	94, 33.938, 155.685
Yxy	86.2904, 0.2940, 0.3783
Android (android.graphics.Color)	4290248659 (0xFFB7FFD3)
YUV	228.4560, -8.6058, -39.8649
Hunter-Lab	92.8926, -33.7277, 17.3146

Details

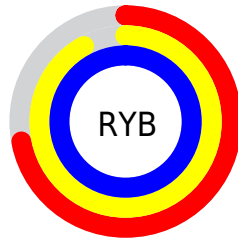
The XYZ color **67.0463, 86.2904, 74.7500** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.0390, 60.6738, 80.5873**, and the grayscale version is **74.1527, 78.0144, 84.9577**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **35.0969, 47.3777, 38.7475** is the 20% darker color. If you saturate the color by 10%, you get **59.6606, 82.6978, 64.6963**, and if you desaturate by 10%, it is **75.7217, 90.5259, 85.8555**.

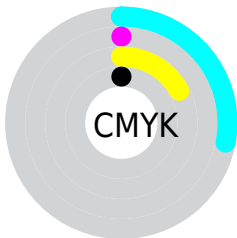
Distribution



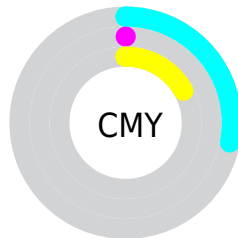
- Red (72%)
- Green (100%)
- Blue (83%)



- Red (72%)
- Yellow (92%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0463, 86.2904, 74.7500 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 67.0463, 86.2904, 74.7500 by changing the saturation by 10% instead.


 67.0463, 86.2904,
74.7500

 67.0463, 86.2904,
74.7500


439.5394,
515.8883, 496.2903

 49.3931, 64.9081,
54.9076


 114.0362,
142.1747, 127.7023

 35.1472, 47.3866,
38.9297


144.1036,
177.4455, 161.6492

 23.9434, 33.3414,
26.3976


179.0397,
218.1145, 201.1347

 15.4161, 22.3881,
16.8929

219.2100,
264.5663, 246.5774

 9.2002, 14.1423,
9.9970

264.9797,
317.1852, 298.3958

 4.9301, 8.2197,
5.2914

316.7143,

 2.2407, 4.2359,

376.3556, 357.0083

2.3575

374.7791,
442.4618, 422.8337

0.7640, 1.8064,
0.7632

0.0000, 0.4911,
0.0000

67.0463, 86.2904,
74.7500

67.0463, 86.2904,
74.7500

59.6606, 82.6978,
64.6963

75.7217, 90.5259,
85.8555

53.4975, 79.7143,
55.6592

85.7446, 95.4337,
98.0382

48.4874, 77.3045,
47.6076

95.0500, 100.0000,
108.9000

44.5520, 75.4288,
40.5069

■ 41.6028, 74.0423,
34.3207

■ 39.5361, 73.0923,
29.0098

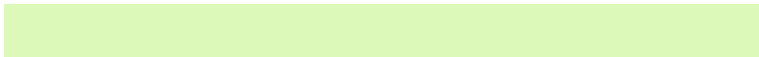
■ 38.2107, 72.5068,
24.5311

■ 38.0203, 72.4241,
23.8223

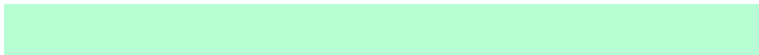
Harmonies

Analogous

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



72.2032, 86.2904, 58.7713



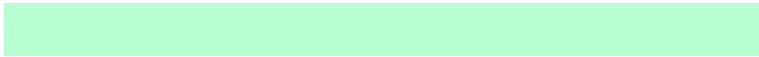
67.0463, 86.2904, 74.7500



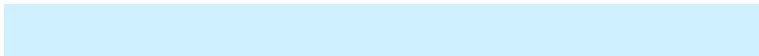
65.7694, 86.2904, 99.0206

Triad

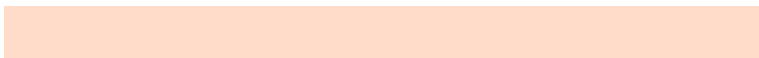
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0463, 86.2904, 74.7500



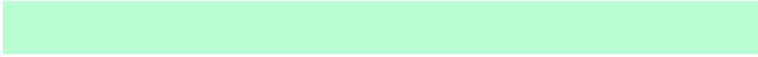
83.7664, 86.2904, 153.3399



97.1061, 86.2904, 67.5906

Complementary

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



67.0463, 86.2904, 74.7500



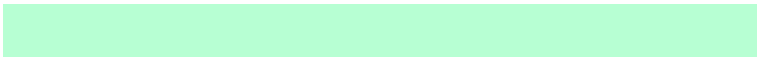
72.0390, 60.6738, 80.5873

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.



100.7403, 86.2904, 89.0663



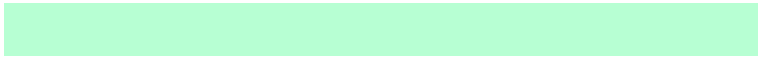
67.0463, 86.2904, 74.7500



92.6809, 86.2904, 140.9554

Square

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



67.0463, 86.2904, 74.7500



75.0032, 86.2904, 147.5784



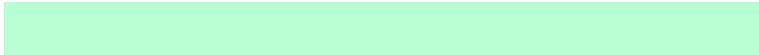
99.0639, 86.2904, 116.1976



89.4537, 86.2904, 55.2060

Rectangle

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



67.0463, 86.2904, 74.7500



67.2014, 86.2904, 117.4562



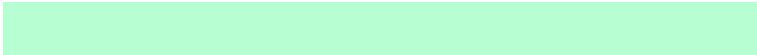
99.0639, 86.2904, 116.1976



98.8630, 86.2904, 73.8193

Sweetspot

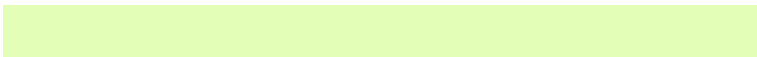
The Sweet Spot groups the original color and five complimentary colors.



67.0470, 86.2908, 74.7514



85.9963, 95.5571, 98.3371



76.1126, 91.3351, 58.4187



18.0640, 20.2851, 20.6400



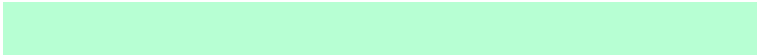
0.0000, 0.0000, 0.0000



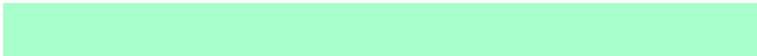
20.3446, 21.4041, 23.3091

Same Dimension

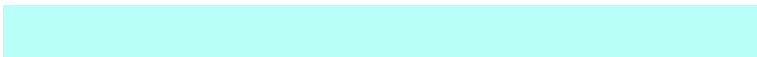
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0470, 86.2908, 74.7514



62.6352, 84.1429, 68.8281



72.0158, 88.2783, 100.9164



18.0640, 20.2851, 20.6400



19.9342, 37.8703, 12.8045



1.9926, 3.7080, 1.5187

Inverse Universe

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



72.0390, 60.6738, 80.5873



68.3869, 54.6117, 75.5407



67.6221, 58.9071, 57.3285



18.4758, 18.1736, 21.1228



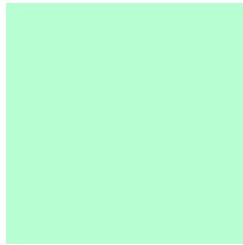
24.7522, 12.3902, 17.8774



2.4636, 1.2278, 2.0229

Previews

White Background



This preview shows how the XYZ color 67.0463, 86.2904, 74.7500 looks on a white background.

Color Contrast Check

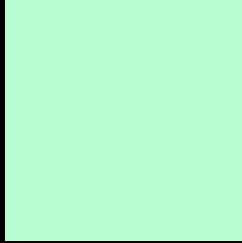
Large Text (above 18pt) WCAG AA × Fail

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 67.0463, 86.2904, 74.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

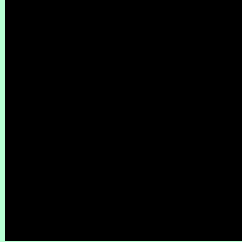
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

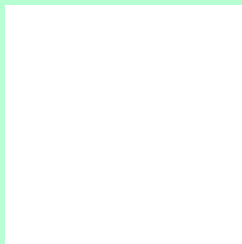
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0463, 86.2904, 74.7500

Background



This preview shows how black text looks on a background with the XYZ color 67.0463, 86.2904, 74.7500.

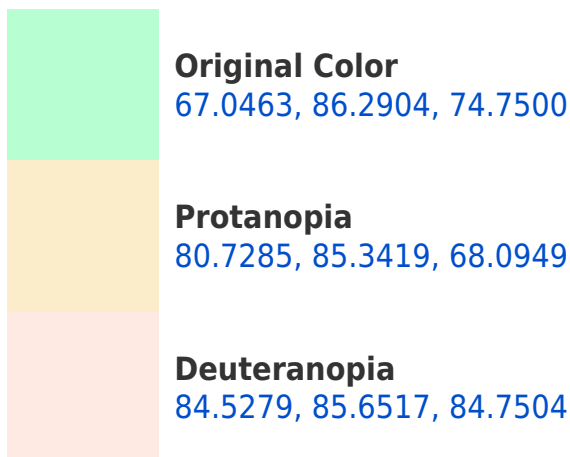


This preview shows how white text looks on a background with the XYZ color 67.0463, 86.2904,

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

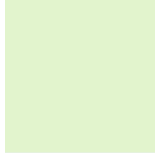
78.1249, 85.7683, 107.0450

Trichromacy



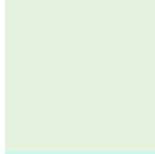
Original Color

67.0463, 86.2904, 74.7500



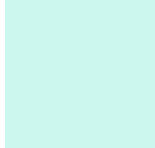
Protanomaly

74.7342, 85.2779, 70.2790



Deuteranomaly

77.1164, 85.3827, 80.8227



Tritanomaly

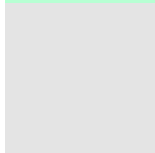
73.4694, 85.4500, 94.2826

Monochromacy



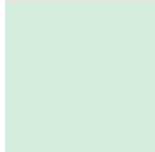
Original Color

67.0463, 86.2904, 74.7500



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.9107, 80.4200, 80.8925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0463, 86.2904, 74.7500 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(183, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 211)  
}
```

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(183, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 67.0463, 86.2904, 74.7500 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(183, 255, 211) }
```


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

```
.border{ border-color:rgb(183, 255, 211) }
```

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

Here you see how a box with a 4 pixel rgb(183, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0463, 86.2904, 74.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 211) }
```

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

```
.background{ background-color: rgb(183,  
255, 211) }
```

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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