

Converting Colors

XYZ(67.2143, 86.4112, 73.2137)

Have a look what the booklet for
XYZ(67.2143, 86.4112, 73.2137)
contains.

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Color

**XYZ(67.2762, 86.4377,
73.4599)**

Conversions

Conversions Part 1

Format	Color
Hex	B9FFD1
RGB	185, 255, 209
RGB Percent	73%, 100%, 82%
CMY	0.2745, 0.0000, 0.1804
CMYK	0.27, 0.00, 0.18, 0.00
HSL	141°, 100%, 86%
HSV	141°, 27%, 100%
XYZ	67.2762, 86.4377, 73.4599
YIQ	228.8260, -26.9540, -29.1460

Conversions

Conversions Part 2

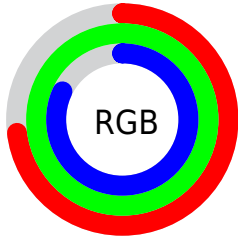
Format	Color
RYB	185, 237, 255
Decimal	12189649
CIELab	94.50, -30.69, 15.10
CIELCh	94, 34.206, 153.797
Yxy	86.4377, 0.2961, 0.3805
Android (android.graphics.Color)	4290379729 (0xFFB9FFD1)
YUV	228.8260, -9.7742, -38.4354
Hunter-Lab	92.9719, -33.5348, 18.2335

Details

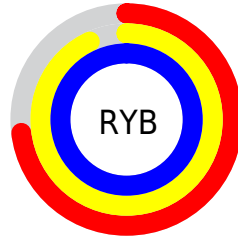
The XYZ color **67.2762, 86.4377, 73.4599** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.0131, 61.7282, 83.6677**, and the grayscale version is **74.4317, 78.3080, 85.2774**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **35.3164, 47.5006, 38.3175** is the 20% darker color. If you saturate the color by 10%, you get **59.6995, 82.7590, 62.8393**, and if you desaturate by 10%, it is **76.1759, 90.7732, 85.2843**.

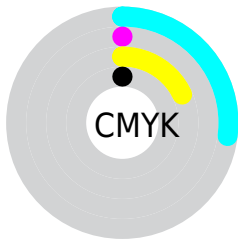
Distribution



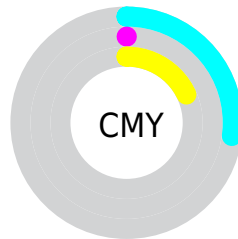
- Red (73%)
- Green (100%)
- Blue (82%)



- Red (73%)
- Yellow (93%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2762, 86.4377, 73.4599 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 67.2762, 86.4377, 73.4599 by changing the saturation by 10% instead.


 67.2762, 86.4377,
73.4599

 67.2762, 86.4377,
73.4599


440.3443,
516.3734, 491.7207

 49.5806, 65.0300,
53.8580

 114.3637,
142.3801, 125.8568

 35.2967, 47.4854,
38.0957


144.4864,
177.6836, 159.4890

 24.0591, 33.4195,
25.7546


179.4821,
218.3878, 198.6349

 15.5025, 22.4480,
16.4160

219.7162,
264.8771, 243.7132

 9.2614, 14.1865,
9.6615

265.5542,
317.5360, 295.1423

 4.9705, 8.2505,
5.0724

317.3613,

 2.2646, 4.2556,

376.7487, 353.3410

2.2303

375.5029,
442.8997, 418.7276

■ 0.7764, 1.8176,
0.6918

■ 0.0000, 0.4981,
0.0000

■ 67.2762, 86.4377,
73.4599

■ 67.2762, 86.4377,
73.4599

■ 59.6995, 82.7590,
62.8393

■ 76.1759, 90.7732,
85.2843

■ 53.3778, 79.7029,
53.3803

■ 86.4573, 95.7950,
98.3446

■ 48.2403, 77.2336,
45.0439

95.0500, 100.0000,
108.9000

■ 44.2080, 75.3113,
37.7878

■ 41.1917, 73.8909,
31.5664

■ 39.0871, 72.9197,
26.3311

■ 37.7602, 72.3295,
22.0284

■ 37.4980, 72.2152,
21.0721

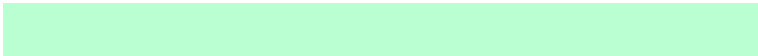
Harmonies

Analogous

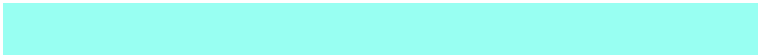
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6985, 86.4377, 57.9620



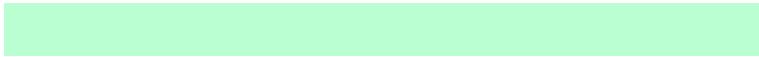
67.2762, 86.4377, 73.4599



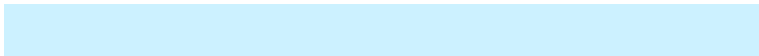
65.7301, 86.4377, 97.5131

Triad

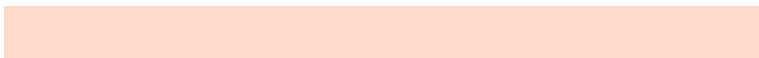
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.2762, 86.4377, 73.4599



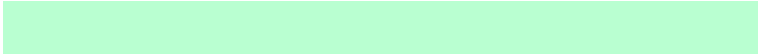
83.3342, 86.4377, 154.3006



97.7612, 86.4377, 68.6401

Complementary

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



67.2762, 86.4377, 73.4599



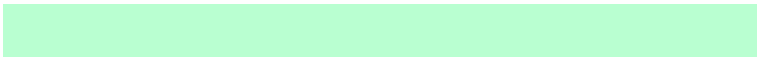
73.0131, 61.7282, 83.6677

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.



101.1140, 86.4377, 90.7987



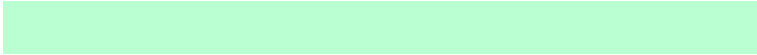
67.2762, 86.4377, 73.4599



92.4010, 86.4377, 142.8406

Square

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



67.2762, 86.4377, 73.4599



74.5859, 86.4377, 147.3202



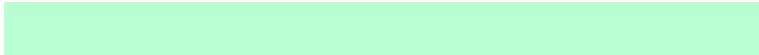
99.0834, 86.4377, 118.3210



90.2226, 86.4377, 55.5658

Rectangle

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



67.2762, 86.4377, 73.4599



67.0017, 86.4377, 116.0882



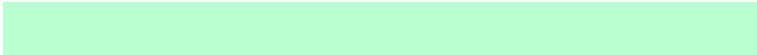
99.0834, 86.4377, 118.3210



99.4397, 86.4377, 75.1074

Sweetspot

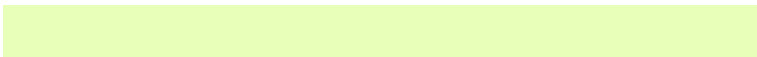
The Sweet Spot groups the original color and five complimentary colors.



67.2769, 86.4381, 73.4613



85.8552, 95.5006, 97.5939



77.6880, 92.1230, 59.5869



18.0286, 20.2710, 20.4535



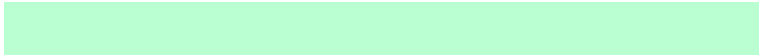
0.0000, 0.0000, 0.0000



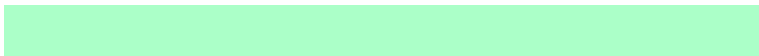
20.3446, 21.4041, 23.3091

Same Dimension

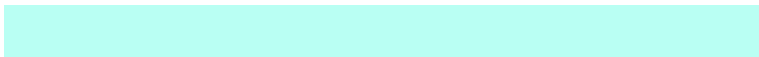
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.2769, 86.4381, 73.4613



62.9125, 84.3173, 67.4204



71.9962, 88.3258, 98.3124



18.0286, 20.2710, 20.4535



19.6562, 37.7591, 11.3408



1.9628, 3.6960, 1.3618

Inverse Universe

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



73.0131, 61.7282, 83.6677



69.5223, 55.8283, 79.1694



68.6294, 59.9748, 60.5834



18.5125, 18.1883, 21.3161



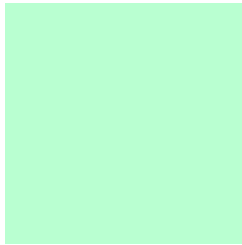
25.2938, 12.6068, 20.7296



2.5141, 1.2480, 2.2888

Previews

White Background



This preview shows how the XYZ color 67.2762, 86.4377, 73.4599 looks on a white background.

Color Contrast Check

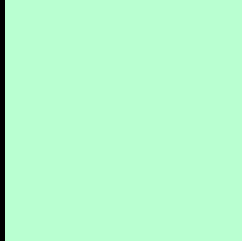
Large Text (above 18pt) WCAG AA × Fail

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 67.2762, 86.4377, 73.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

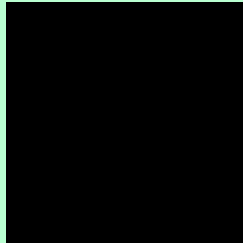
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

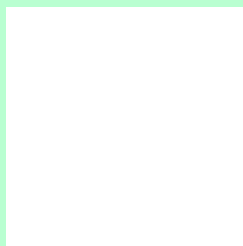
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2762, 86.4377, 73.4599

Background



This preview shows how black text looks on a background with the XYZ color 67.2762, 86.4377, 73.4599.



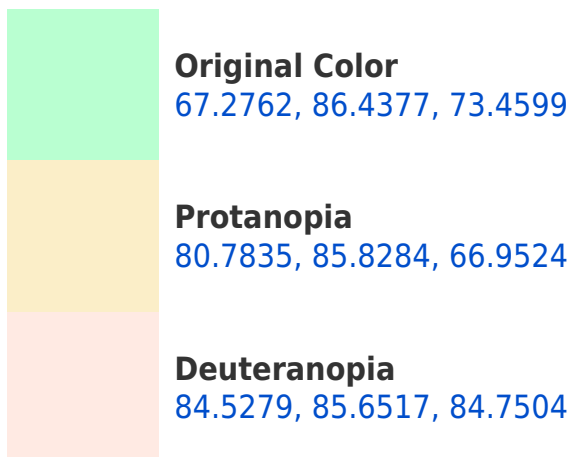
This preview shows how white text looks on a background with the XYZ color 67.2762, 86.4377,

73.4599.

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

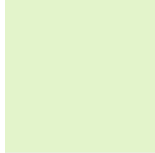
78.4195, 85.9201, 107.0588

Trichromacy



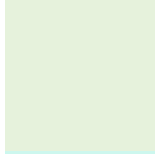
Original Color

67.2762, 86.4377, 73.4599



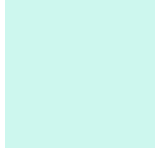
Protanomaly

74.8087, 85.3441, 69.0301



Deuteranomaly

77.3035, 85.4946, 80.1379



Tritanomaly

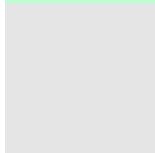
73.8702, 85.6737, 93.5322

Monochromacy



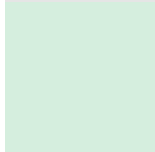
Original Color

67.2762, 86.4377, 73.4599



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.1999, 80.5691, 80.9060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2762, 86.4377, 73.4599 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(185, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 255, 209)  
}
```

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(185, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 67.2762, 86.4377, 73.4599 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(185, 255, 209) }
```


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

```
.border{ border-color:rgb(185, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2762, 86.4377, 73.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 255, 209) }
```

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

```
.background{ background-color: rgb(185,  
255, 209) }
```

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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