

Converting Colors

XYZ(86.4249, 130.5053,
64.6224)

Have a look what the booklet for
XYZ(86.4249, 130.5053, 64.6224)
contains.

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Color

**XYZ(63.7319, 84.9647,
57.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FFB6
RGB	183, 255, 182
RGB Percent	72%, 100%, 71%
CMY	0.2823, 0.0000, 0.2863
CMYK	0.28, 0.00, 0.29, 0.00
HSL	119°, 100%, 86%
HSV	119°, 29%, 100%
XYZ	63.7319, 84.9647, 57.2968
YIQ	225.1500, -19.4790, -37.9670

Conversions

Conversions Part 2

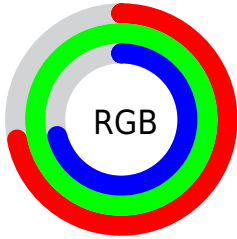
Format	Color
RYB	182, 255, 254
Decimal	12058550
CIELab	93.87, -35.94, 27.96
CIElCh	94, 45.532, 142.116
Yxy	84.9647, 0.3094, 0.4125
Android (android.graphics.Color)	4290248630 (0xFFB7FFB6)
YUV	225.1500, -21.2729, -36.9655
Hunter-Lab	92.1763, -37.8913, 27.6687

Details

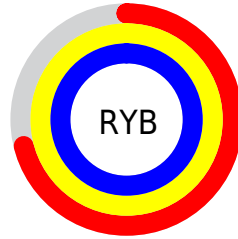
The XYZ color **63.7319, 84.9647, 57.2968** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.6521, 61.7480, 102.5390**, and the grayscale version is **71.8337, 75.5747, 82.3008**.

A 20% lighter version of the original color is **87.1278, 96.2183, 94.8688**, and **33.0586, 46.5623, 28.0139** is the 20% darker color. If you saturate the color by 10%, you get **55.8744, 81.1912, 44.4026**, and if you desaturate by 10%, it is **73.1392, 89.4816, 72.7709**.

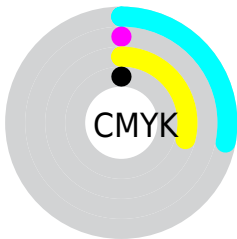
Distribution



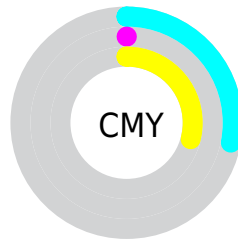
- Red (72%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7319, 84.9647, 57.2968 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 63.7319, 84.9647, 57.2968 by changing the saturation by 10% instead.


 63.7319, 84.9647,
57.2968

 63.7319, 84.9647,
57.2968


427.8384,
511.5113, 432.0854

 46.6944, 63.8122,
40.8326


 109.3006,
140.3239, 102.4028

 33.0011, 46.4986,
27.8696


138.5626,
175.2993, 131.8816

 22.2865, 32.6395,
17.9892


172.6301,
215.6512, 166.5358

 14.1854, 21.8504,
10.7729

211.8686,
261.7640, 206.7839

 8.3323, 13.7470,
5.8021

256.6433,
314.0219, 253.0443

 4.3619, 7.9449,
2.6583

307.3196,

 1.9088, 4.0597,

372.8096, 305.7357

0.9223

364.2628,
438.5112, 365.2765

■ 0.5820, 1.7070,
0.0000

■ 0.0000, 0.4282,
0.0000

■ 63.7319, 84.9647,
57.2968

■ 63.7319, 84.9647,
57.2968

■ 55.8744, 81.1912,
44.4026

■ 73.1392, 89.4816,
72.7709

■ 49.4822, 78.1208,
33.9444

■ 84.1717, 94.7781,
90.9503

■ 44.4651, 75.7101,
25.7704

■ 95.0500, 100.0000,
108.9000

■ 40.7223, 73.9109,
19.7098

■ 38.1391, 72.6682,
15.5684

■ 36.5804, 71.9173,
13.1160

■ 35.8661, 71.5725,
12.0251

■ 35.8037, 71.5425,
11.9220

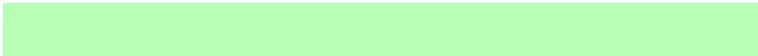
Harmonies

Analogous

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



72.3005, 84.9647, 43.4510



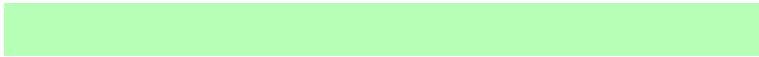
63.7319, 84.9647, 57.2968



59.8111, 84.9647, 83.6601

Triad

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



63.7319, 84.9647, 57.2968



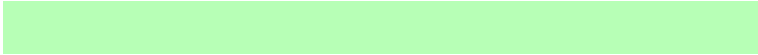
77.6033, 84.9647, 175.5731



104.3149, 84.9647, 69.6011

Complementary

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



63.7319, 84.9647, 57.2968



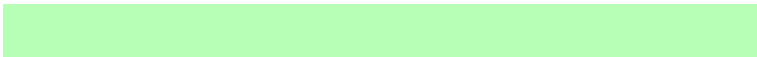
75.6521, 61.7480, 102.5390

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.



106.0966, 84.9647, 101.9675



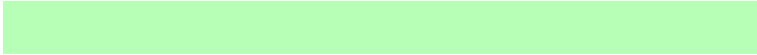
63.7319, 84.9647, 57.2968



89.8472, 84.9647, 169.0971

Square

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



63.7319, 84.9647, 57.2968



67.2808, 84.9647, 155.7834



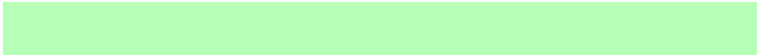
100.5710, 84.9647, 139.8200



95.9210, 84.9647, 49.2177

Rectangle

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



63.7319, 84.9647, 57.2968



60.0559, 84.9647, 107.2323



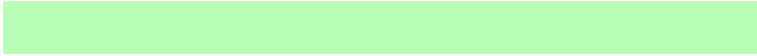
100.5710, 84.9647, 139.8200



105.7386, 84.9647, 79.2047

Sweetspot

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



63.7324, 84.9649, 57.2981



83.7296, 94.5658, 90.2212



85.0569, 95.3837, 58.1852



17.5577, 20.0663, 18.7112



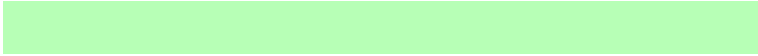
0.0000, 0.0000, 0.0000



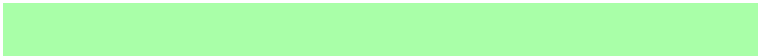
20.3446, 21.4041, 23.3091

Same Dimension

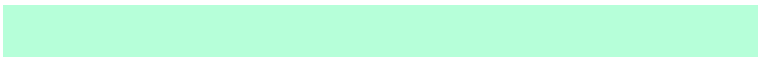
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7324, 84.9649, 57.2981



59.3225, 82.8472, 50.0570



67.6134, 86.4900, 78.9705



17.7945, 20.1800, 19.1016



18.7181, 37.3876, 6.2300



1.8302, 3.6443, 0.6070

Inverse Universe

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



75.6521, 61.7480, 102.5390



72.9131, 56.3719, 101.6457



70.8494, 59.8693, 75.3361



18.7667, 18.2870, 22.7906



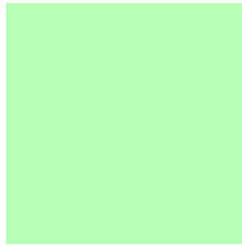
30.3271, 14.5447, 50.6436



2.9604, 1.4201, 4.9313

Previews

White Background



This preview shows how the XYZ color 63.7319, 84.9647, 57.2968 looks on a white background.

Color Contrast Check

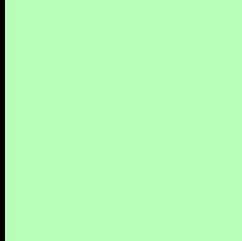
Large Text (above 18pt) WCAG AA × Fail

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 63.7319, 84.9647, 57.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

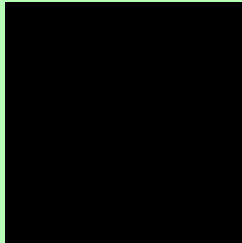
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

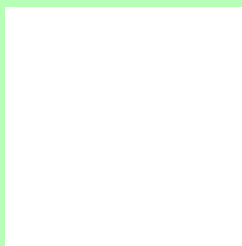
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7319, 84.9647, 57.2968

Background



This preview shows how black text looks on a background with the XYZ color 63.7319, 84.9647, 57.2968.



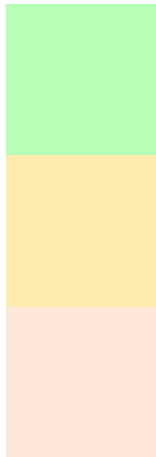
This preview shows how white text looks on a background with the XYZ color 63.7319, 84.9647,

57.2968.

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

63.7319, 84.9647, 57.2968

Protanopia

78.5085, 84.1177, 52.1429

Deuteranopia

82.4913, 83.9311, 76.8183



Tritanopia

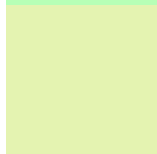
76.9535, 84.7213, 106.9047

Trichromacy



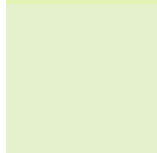
Original Color

63.7319, 84.9647, 57.2968



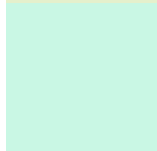
Protanomaly

71.9813, 83.7695, 53.9703



Deuteranomaly

74.3723, 83.3378, 69.2927



Tritanomaly

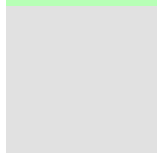
71.3517, 84.5405, 85.9561

Monochromacy



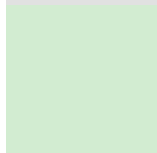
Original Color

63.7319, 84.9647, 57.2968



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.0824, 78.2960, 71.8459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7319, 84.9647, 57.2968 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.7319, 84.9647, 57.2968 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, 182) }
```


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

```
.border{ border-color:rgb(183, 255, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7319, 84.9647, 57.2968 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, 182) }
```

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

```
.background{ background-color: rgb(183,  
255, 182) }
```

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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