

# Converting Colors

XYZ(62.5169, 81.5716, 58.9937)

Have a look what the booklet for  
XYZ(62.5169, 81.5716, 58.9937)  
contains.

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# Color

**XYZ(62.5058, 81.4869,  
58.8885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8F9BA
RGB	184, 249, 186
RGB Percent	72%, 98%, 73%
CMY	0.2784, 0.0235, 0.2706
CMYK	0.26, 0.00, 0.25, 0.02
HSL	122°, 84%, 85%
HSV	122°, 26%, 98%
XYZ	62.5058, 81.4869, 58.8885
YIQ	222.3830, -18.5170, -33.3730

# Conversions

## Conversions Part 2

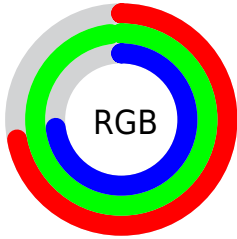
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 247, 249
Decimal	12122554
CIELab	92.35, -32.21, 23.86
CIELCh	92, 40.082, 143.473
Yxy	81.4869, 0.3081, 0.4016
Android (android.graphics.Color)	4290312634 (0xFFB8F9BA)
YUV	222.3830, -17.9368, -33.6619
Hunter-Lab	90.2701, -34.3738, 24.5107

# Details

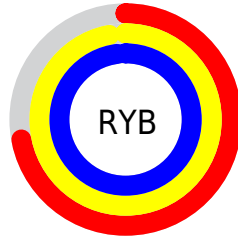
The XYZ color **62.5058, 81.4869, 58.8885** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.9987, 61.1379, 95.9526**, and the grayscale version is **69.8360, 73.4729, 80.0120**.

A 20% lighter version of the original color is **88.0626, 96.6316, 98.0148**, and **32.1365, 44.0599, 29.0009** is the 20% darker color. If you saturate the color by 10%, you get **54.7052, 77.7398, 46.2430**, and if you desaturate by 10%, it is **71.7939, 85.9555, 73.8690**.

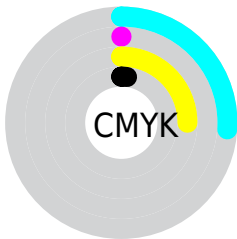
# Distribution



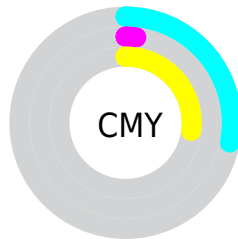
- Red (72%)
- Green (98%)
- Blue (73%)



- Red (72%)
- Yellow (97%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (28%)
- Magenta (2%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5058, 81.4869, 58.8885 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 62.5058, 81.4869, 58.8885 by changing the saturation by 10% instead.



62.5058, 81.4869,  
58.8885

62.5058, 81.4869,  
58.8885

423.4619,  
499.9298, 438.1790

45.6987, 60.9427,  
42.1039

107.5420,  
135.4542, 104.7431

32.2117, 44.1789,  
28.8565

136.5019,  
169.6461, 134.6503

21.6796, 30.8112,  
18.7277

170.2433,  
209.1561, 169.7687

13.7369, 20.4551,  
11.2988

209.1317,  
254.3684, 210.5169

8.0184, 12.7263,  
6.1515

253.5324,  
305.6675, 257.3136

4.1586, 7.2403,  
2.8672

303.8107,

1.7923, 3.6129,

363.4379, 310.5771

1.0272

360.3321,  
428.0638, 370.7260

■ 0.5130, 1.4595,  
0.0000

■ 0.0000, 0.2599,  
0.0000

■ 62.5058, 81.4869,  
58.8885

■ 62.5058, 81.4869,  
58.8885

■ 54.7052, 77.7398,  
46.2430

■ 71.7939, 85.9555,  
73.8690

■ 48.3090, 74.6667,  
35.8099

■ 82.6343, 91.1696,  
91.2879

■ 43.2354, 72.2306,  
27.4636

■ 93.1673, 96.2346,  
108.2724

■ 39.3921, 70.3870,  
21.0640

■ 36.6744, 69.0852,  
16.4534

■ 34.9606, 68.2664,  
13.4501

■ 34.1004, 67.8578,  
11.8335

■ 33.9193, 67.7714,  
11.5135

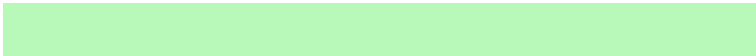
# Harmonies

## Analogous

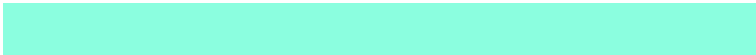
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7761, 81.4869, 45.9730



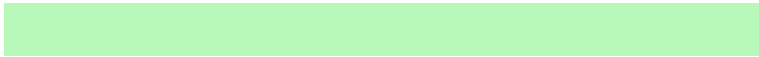
62.5058, 81.4869, 58.8885



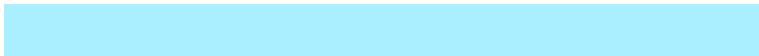
59.2796, 81.4869, 82.3903

# Triad

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



62.5058, 81.4869, 58.8885



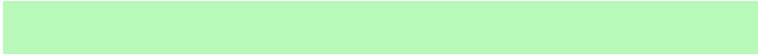
75.2060, 81.4869, 158.4229



97.2203, 81.4869, 67.8656

# Complementary

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



62.5058, 81.4869, 58.8885



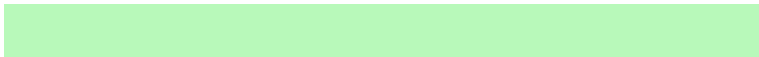
72.9987, 61.1379, 95.9526

# 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.



99.0010, 81.4869, 95.3772



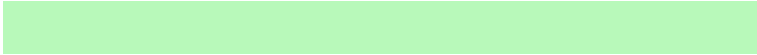
62.5058, 81.4869, 58.8885



85.6687, 81.4869, 152.0980

# Square

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



62.5058, 81.4869, 58.8885



66.1774, 81.4869, 142.9871



94.6063, 81.4869, 127.2449

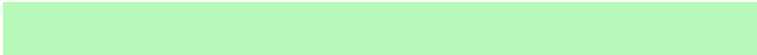


89.9370, 81.4869, 50.2897



# Rectangle

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



62.5058, 81.4869, 58.8885



59.6313, 81.4869, 102.7079



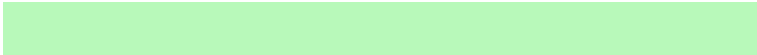
94.6063, 81.4869, 127.2449



98.5077, 81.4869, 76.0732

# Sweetspot

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



62.5079, 81.4903, 58.8903



84.9174, 95.1255, 92.6554



81.2128, 91.1575, 58.6629



17.7942, 20.1772, 19.2194



0.0000, 0.0000, 0.0000

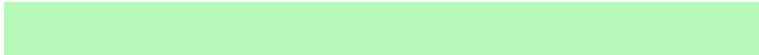


20.3446, 21.4041, 23.3091

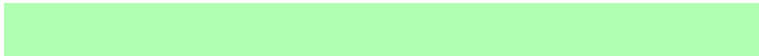


# Same Dimension

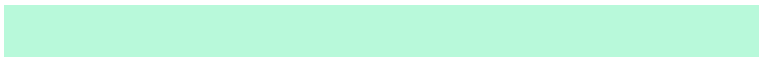
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5079, 81.4903, 58.8903



61.7276, 83.9740, 55.2767



66.2456, 82.9854, 78.5727



17.0390, 19.3179, 18.4062



18.1649, 36.2790, 6.2119



1.6898, 3.3630, 0.6142



# Inverse Universe

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



72.9987, 61.1379, 95.9526



74.4162, 59.3553, 100.1017



68.5293, 59.3502, 72.4171



17.9686, 17.5148, 21.6904



29.4479, 14.1949, 45.9285

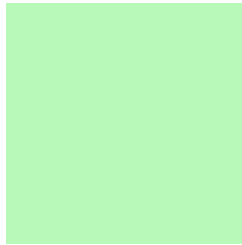


2.7345, 1.3175, 4.2910



# Previews

## White Background



This preview shows how the XYZ color 62.5058, 81.4869, 58.8885 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

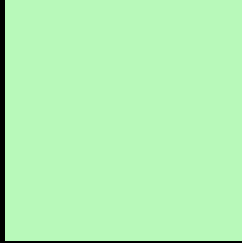
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.5058, 81.4869, 58.8885 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 62.5058, 81.4869, 58.8885**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.5058, 81.4869, 58.8885.



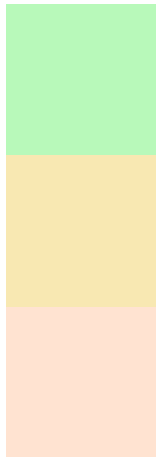
This preview shows how white text looks on a background with the XYZ color 62.5058, 81.4869,



# 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

62.5058, 81.4869, 58.8885

### Protanopia

75.6039, 80.8840, 53.7469

### Deuteranopia

80.2177, 80.8016, 71.6899



## Tritanopia

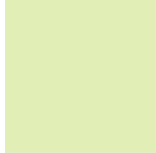
72.9817, 80.9256, 106.3814

# Trichromacy



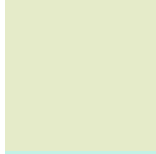
## Original Color

62.5058, 81.4869, 58.8885



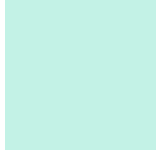
## Protanomaly

69.9664, 80.4928, 55.5651



## Deuteranomaly

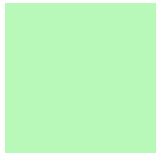
72.5640, 80.2917, 66.9317



## Tritanomaly

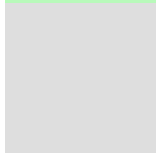
68.5407, 80.8195, 86.8502

# Monochromacy



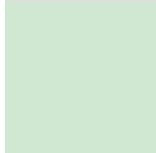
## Original Color

62.5058, 81.4869, 58.8885



## Achromatopsia

69.4303, 73.0461, 79.5472



## Achromatomaly

66.3777, 75.7266, 71.4398

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5058, 81.4869, 58.8885 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(184, 249, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 249, 186)  
}
```

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(184, 249, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 249, 186) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5058, 81.4869, 58.8885 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(184, 249, 186) }
```



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

```
.border{ border-color:rgb(184, 249, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 249, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 249, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 249, 186); box-shadow:4px 4px 4px 4px rgb(184, 249, 186) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5058, 81.4869, 58.8885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 249, 186) }
```

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

```
.background{ background-color: rgb(184,  
249, 186) }
```

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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