

Converting Colors

XYZ(62.4485, 81.9259, 62.8844)

Have a look what the booklet for
XYZ(62.4485, 81.9259, 62.8844)
contains.

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Color

**XYZ(62.4017, 81.8052,
62.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FAC1
RGB	179, 250, 193
RGB Percent	70%, 98%, 76%
CMY	0.2980, 0.0196, 0.2431
CMYK	0.28, 0.00, 0.23, 0.02
HSL	132°, 88%, 84%
HSV	132°, 28%, 98%
XYZ	62.4017, 81.8052, 62.9531
YIQ	222.2730, -24.0190, -32.7790

Conversions

Conversions Part 2

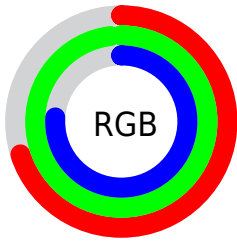
Format	Color
RYB	179, 238, 250
Decimal	11795137
CIELab	92.49, -33.06, 20.43
CIELCh	92, 38.864, 148.279
Yxy	81.8052, 0.3012, 0.3949
Android (android.graphics.Color)	4289985217 (0xFFB3FAC1)
YUV	222.2730, -14.4316, -37.9504
Hunter-Lab	90.4462, -35.1281, 22.0449

Details

The XYZ color **62.4017, 81.8052, 62.9531** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.6876, 58.6223, 86.9501**, and the grayscale version is **69.7369, 73.3687, 79.8985**.

A 20% lighter version of the original color is **87.6074, 96.2550, 104.4041**, and **32.0423, 44.2891, 31.2859** is the 20% darker color. If you saturate the color by 10%, you get **55.0500, 78.2590, 51.7043**, and if you desaturate by 10%, it is **71.1092, 86.0199, 75.8551**.

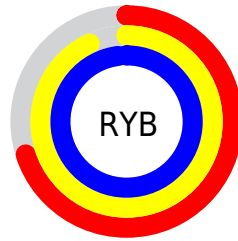
Distribution



Red (70%)

Green (98%)

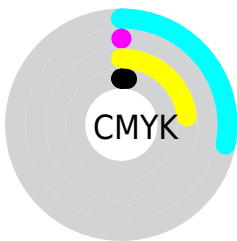
Blue (76%)



Red (70%)

Yellow (93%)

Blue (98%)

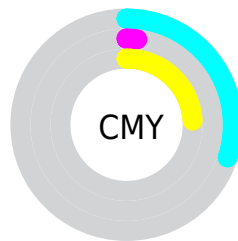


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (2%)



Cyan (30%)


Magenta (2%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4017, 81.8052, 62.9531 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 62.4017, 81.8052, 62.9531 by changing the saturation by 10% instead.

 62.4017, 81.8052,
62.9531

 62.4017, 81.8052,
62.9531


423.0891,
500.9959, 453.5025

 45.6142, 61.2050,
45.3625


 107.3926,
135.9008, 110.6868

 32.1448, 44.3906,
31.3980


136.3266,
170.1650, 141.6669

 21.6282, 30.9777,
20.6411


170.0402,
209.7525, 177.9474

 13.6990, 20.5819,
12.6733

208.8987,
255.0480, 219.9466

 7.9919, 12.8187,
7.0759

253.2675,
306.4356, 268.0832

 4.1416, 7.3038,
3.4304

303.5120,

 1.7825, 3.6528,

364.2999, 322.7757

1.3184

359.9974,
429.0252, 384.4426

0.5071, 1.4813,
0.0768

0.0000, 0.2755,
0.0000

62.4017, 81.8052,
62.9531

62.4017, 81.8052,
62.9531

55.0500, 78.2590,
51.7043

71.1092, 86.0199,
75.8551

48.9788, 75.3368,
42.0365

81.2297, 90.9243,
90.4676

44.1152, 73.0051,
33.8803

92.8253, 96.5514,
106.8520

40.3764, 71.2225,
27.1590

93.4772, 96.8544,
108.3757

■ 37.6687, 69.9427,
21.7892

■ 35.8824, 69.1110,
17.6785

■ 34.8685, 68.6527,
14.7224

■ 34.7478, 68.5986,
14.3480

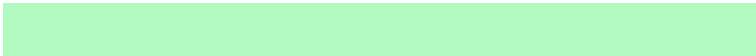
Harmonies

Analogous

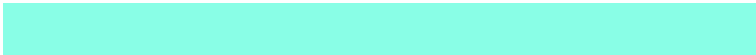
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9260, 81.8052, 48.5788



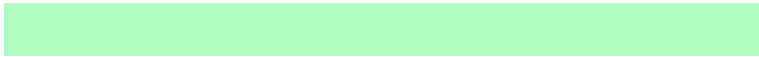
62.4017, 81.8052, 62.9531



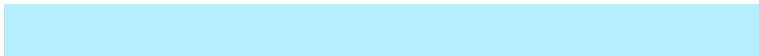
59.9413, 81.8052, 87.4145

Triad

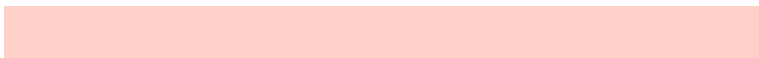
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4017, 81.8052, 62.9531



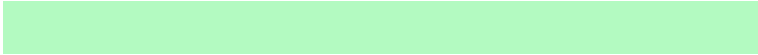
77.1725, 81.8052, 156.8896



96.1057, 81.8052, 65.2731

Complementary

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



62.4017, 81.8052, 62.9531



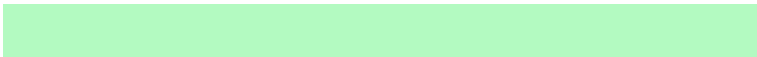
70.6876, 58.6223, 86.9501

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.



98.7848, 81.8052, 90.7502



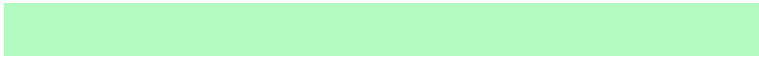
62.4017, 81.8052, 62.9531



87.3040, 81.8052, 147.4577

Square

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



62.4017, 81.8052, 62.9531



67.9994, 81.8052, 145.1360



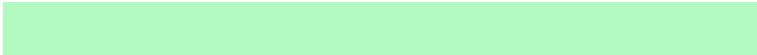
95.4365, 81.8052, 121.5689



88.3982, 81.8052, 49.7007

Rectangle

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



62.4017, 81.8052, 62.9531



60.7601, 81.8052, 107.6444



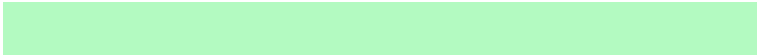
95.4365, 81.8052, 121.5689



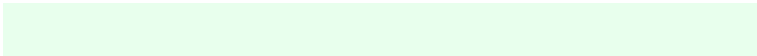
97.6520, 81.8052, 72.7689

Sweetspot

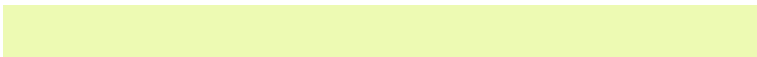
The Sweet Spot groups the original color and five complimentary colors.



62.4039, 81.8086, 62.9549



84.2790, 94.7738, 93.6470



77.2450, 89.6315, 55.8781



17.6918, 20.1171, 19.5469



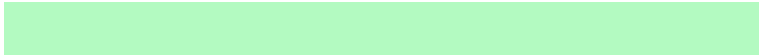
0.0000, 0.0000, 0.0000



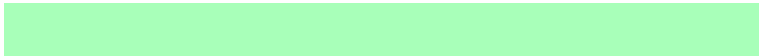
20.3446, 21.4041, 23.3091

Same Dimension

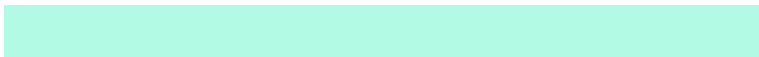
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4039, 81.8086, 62.9549



60.7712, 83.3973, 59.0124



66.7151, 83.5331, 85.6577



17.1573, 19.3652, 19.0287



18.4703, 36.4011, 7.8200



1.7462, 3.3856, 0.9114

Inverse Universe

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



70.6876, 58.6223, 86.9501



70.7167, 55.5436, 87.8093



66.1465, 56.8058, 63.0370



17.8377, 17.4624, 21.0012



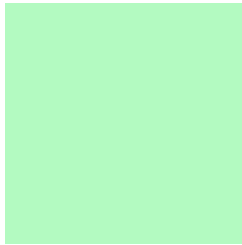
26.5379, 13.0309, 30.6048



2.4940, 1.2213, 3.0247

Previews

White Background



This preview shows how the XYZ color 62.4017, 81.8052, 62.9531 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 62.4017, 81.8052, 62.9531 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

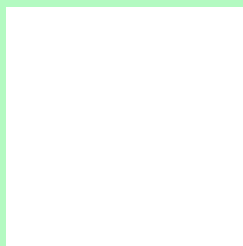
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4017, 81.8052, 62.9531

Background



This preview shows how black text looks on a background with the XYZ color 62.4017, 81.8052, 62.9531.



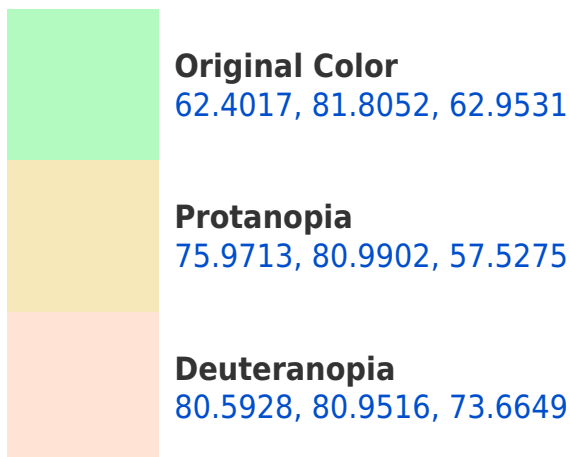
This preview shows how white text looks on a background with the XYZ color 62.4017, 81.8052,

62.9531.

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

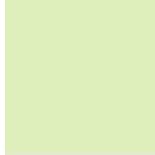
73.0039, 81.3705, 106.4661

Trichromacy



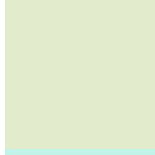
Original Color

62.4017, 81.8052, 62.9531



Protanomaly

70.0678, 80.8934, 59.4980



Deuteranomaly

72.4063, 80.1553, 69.4129



Tritanomaly

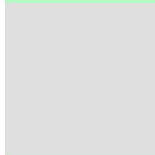
68.6084, 81.2648, 88.4136

Monochromacy



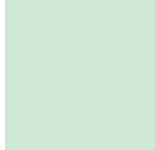
Original Color

62.4017, 81.8052, 62.9531



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.0681, 75.5382, 72.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4017, 81.8052, 62.9531 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(179, 250, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 250, 193)  
}
```

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(179, 250, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 250, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.4017, 81.8052, 62.9531 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(179, 250, 193) }
```


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

```
.border{ border-color:rgb(179, 250, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 250, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 250, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 250, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 250,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4017, 81.8052, 62.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 250, 193) }
```

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

```
.background{ background-color: rgb(179,  
250, 193) }
```

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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