

Converting Colors

XYZ(62.1903, 84.1149, 59.7095)

Have a look what the booklet for
XYZ(62.1903, 84.1149, 59.7095)
contains.

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Color

**XYZ(62.1852, 84.1065,
59.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFFBB
RGB	174, 255, 187
RGB Percent	68%, 100%, 73%
CMY	0.3176, 0.0000, 0.2667
CMYK	0.32, 0.00, 0.27, 0.00
HSL	130°, 100%, 84%
HSV	130°, 32%, 100%
XYZ	62.1852, 84.1065, 59.9704
YIQ	223.0290, -26.4480, -38.3200

Conversions

Conversions Part 2

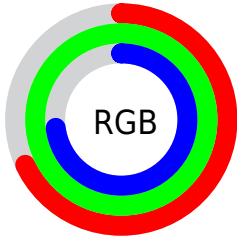
Format	Color
RYB	174, 244, 255
Decimal	11468731
CIELab	93.50, -37.91, 24.85
CIElCh	93, 45.323, 146.756
Yxy	84.1065, 0.3015, 0.4078
Android (android.graphics.Color)	4289658811 (0xFFAEFFBB)
YUV	223.0290, -17.7623, -42.9984
Hunter-Lab	91.7096, -39.4569, 25.4260

Details

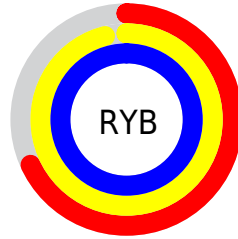
The XYZ color **62.1852, 84.1065, 59.9704** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72.4032, 57.9435, 91.3719**, and the grayscale version is **70.2952, 73.9561, 80.5382**.

A 20% lighter version of the original color is **84.8927, 94.9800, 98.6527**, and **32.0355, 46.0036, 29.3814** is the 20% darker color. If you saturate the color by 10%, you get **54.9095, 80.6011, 48.5456**, and if you desaturate by 10%, it is **70.8821, 88.3051, 73.2477**.

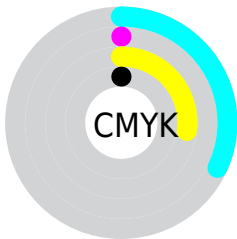
Distribution



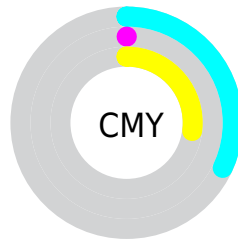
- Red (68%)
- Green (100%)
- Blue (73%)



- Red (68%)
- Yellow (96%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1852, 84.1065, 59.9704 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 62.1852, 84.1065, 59.9704 by changing the saturation by 10% instead.


 62.1852, 84.1065,
59.9704

 62.1852, 84.1065,
59.9704


422.3131,
508.6668, 442.2903

 45.4385, 63.1034,
42.9696


 107.0816,
139.1241, 106.3297

 32.0057, 45.9248,
29.5301


135.9620,
173.9074, 136.5253

 21.5214, 32.1865,
19.2332


169.6177,
214.0529, 171.9562

 13.6203, 21.5040,
11.6604

208.4141,
259.9450, 213.0411

 7.9370, 13.4929,
6.3931

252.7164,
311.9680, 260.1984

 4.1061, 7.7688,
3.0129

302.8902,

 1.7623, 3.9474,

370.5064, 313.8466

1.1012

359.3006,
435.9445, 374.4044

0.4948, 1.6442,
0.0000

0.0000, 0.3871,
0.0000

62.1852, 84.1065,
59.9704

62.1852, 84.1065,
59.9704

54.9095, 80.6011,
48.5456

70.8821, 88.3051,
73.2477

48.9770, 77.7504,
38.8870

81.0690, 93.2307,
88.4504

44.3048, 75.5136,
30.9076

92.8122, 98.9159,
105.6526

40.7999, 73.8447,
24.5113

95.0500, 100.0000,
108.9000

■ 38.3562, 72.6913,
19.5923

■ 36.8473, 71.9907,
16.0316

■ 36.1590, 71.6796,
14.0211

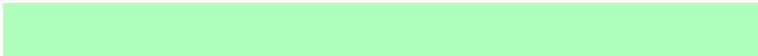
Harmonies

Analogous

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



70.0145, 84.1065, 44.4065



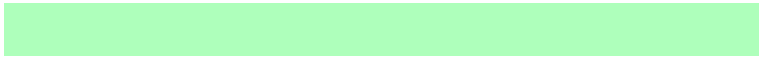
62.1852, 84.1065, 59.9704



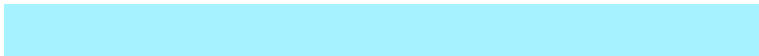
59.0817, 84.1065, 87.8962

Triad

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



62.1852, 84.1065, 59.9704



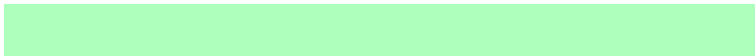
78.6447, 84.1065, 174.4726



102.3185, 84.1065, 64.9781

Complementary

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



62.1852, 84.1065, 59.9704



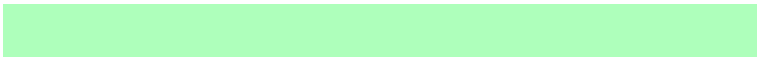
72.4032, 57.9435, 91.3719

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.



105.2087, 84.1065, 95.3605



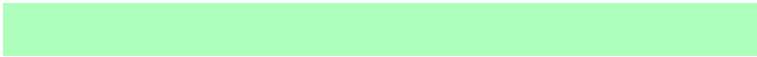
62.1852, 84.1065, 59.9704



90.7634, 84.1065, 163.9988

Square

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



62.1852, 84.1065, 59.9704



67.9687, 84.1065, 158.5568



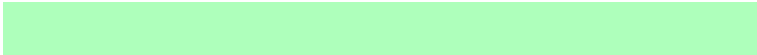
100.7901, 84.1065, 132.7021



93.2420, 84.1065, 46.7500

Rectangle

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



62.1852, 84.1065, 59.9704



59.8542, 84.1065, 111.9395



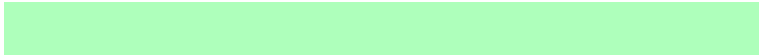
100.7901, 84.1065, 132.7021



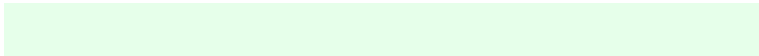
104.0826, 84.1065, 73.8481

Sweetspot

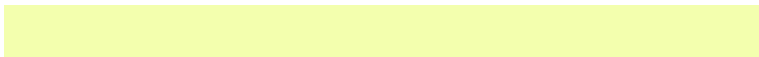
The Sweet Spot groups the original color and five complimentary colors.



62.1858, 84.1068, 59.9717



83.0257, 94.1775, 91.3378



80.3106, 93.6041, 53.8798



17.4364, 19.9960, 19.0566



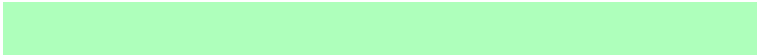
0.0000, 0.0000, 0.0000



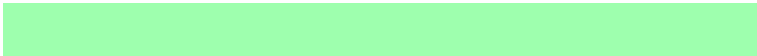
20.3446, 21.4041, 23.3091

Same Dimension

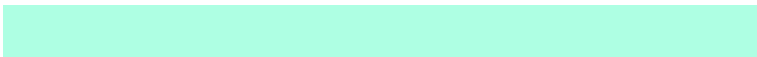
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1858, 84.1068, 59.9717



57.4864, 81.8417, 52.6345



67.0328, 86.0456, 85.4959



17.8904, 20.2157, 19.7260



18.9287, 37.4681, 7.5099



1.8754, 3.6611, 0.9016

Inverse Universe

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



72.4032, 57.9435, 91.3719



69.1300, 52.0063, 88.4026



67.0786, 55.8136, 63.3329



18.6600, 18.2473, 22.0929



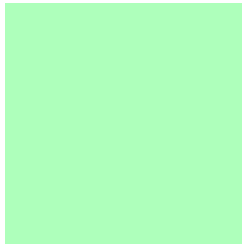
27.9425, 13.6663, 34.6771



2.7527, 1.3435, 3.5452

Previews

White Background



This preview shows how the XYZ color 62.1852, 84.1065, 59.9704 looks on a white background.

Color Contrast Check

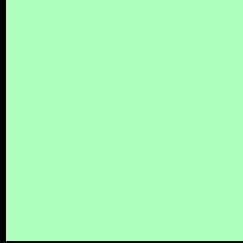
Large Text (above 18pt) WCAG AA × Fail

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 62.1852, 84.1065, 59.9704 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 62.1852, 84.1065, 59.9704

Background



This preview shows how black text looks on a background with the XYZ color 62.1852, 84.1065, 59.9704.



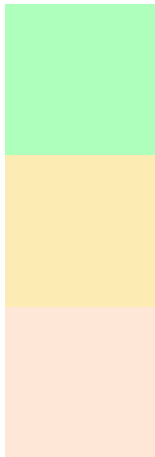
This preview shows how white text looks on a background with the XYZ color 62.1852, 84.1065,

59.9704.

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

62.1852, 84.1065, 59.9704

Protanopia

77.8891, 83.3265, 54.0979

Deuteranopia

82.0817, 83.3181, 76.0458



Tritanopia

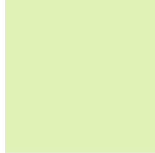
75.2557, 83.8461, 106.8253

Trichromacy



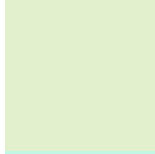
Original Color

62.1852, 84.1065, 59.9704



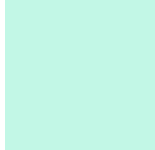
Protanomaly

70.8331, 82.6878, 55.9431



Deuteranomaly

73.5436, 82.8967, 69.8821



Tritanomaly

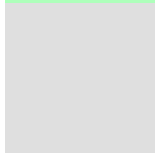
69.7918, 83.7040, 87.3410

Monochromacy



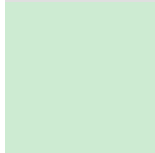
Original Color

62.1852, 84.1065, 59.9704



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.5180, 77.0489, 72.3388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1852, 84.1065, 59.9704 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(174, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 187)  
}
```

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(174, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.1852, 84.1065, 59.9704 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(174, 255, 187) }
```


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

```
.border{ border-color:rgb(174, 255, 187) }
```

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

Here you see how a box with a 4 pixel rgb(174, 255, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1852, 84.1065, 59.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 187) }
```

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

```
.background{ background-color: rgb(174,  
255, 187) }
```

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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