

Converting Colors

XYZ(63.0483, 83.0105, 69.6271)

Have a look what the booklet for
XYZ(63.0483, 83.0105, 69.6271)
contains.

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Color

**XYZ(62.9431, 82.8647,
69.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFCCC
RGB	173, 252, 204
RGB Percent	68%, 99%, 80%
CMY	0.3216, 0.0117, 0.2000
CMYK	0.31, 0.00, 0.19, 0.01
HSL	144°, 93%, 83%
HSV	144°, 31%, 99%
XYZ	62.9431, 82.8647, 69.8038
YIQ	222.9070, -31.6760, -31.6760

Conversions

Conversions Part 2

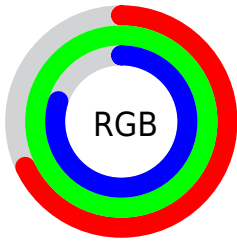
Format	Color
RYB	173, 230, 252
Decimal	11402444
CIELab	92.96, -33.81, 15.40
CIElCh	93, 37.157, 155.513
Yxy	82.8647, 0.2919, 0.3843
Android (android.graphics.Color)	4289592524 (0xFFADFCCC)
YUV	222.9070, -9.3212, -43.7684
Hunter-Lab	91.0300, -35.8780, 18.2562

Details

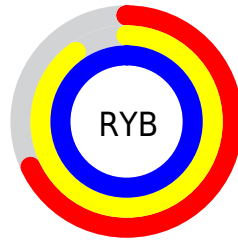
The XYZ color **62.9431, 82.8647, 69.8038** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.1425, 55.8050, 75.5900**, and the grayscale version is **70.1553, 73.8088, 80.3778**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **32.4913, 45.0838, 35.8437** is the 20% darker color. If you saturate the color by 10%, you get **56.1405, 79.5620, 60.3660**, and if you desaturate by 10%, it is **70.9817, 86.7883, 80.2456**.

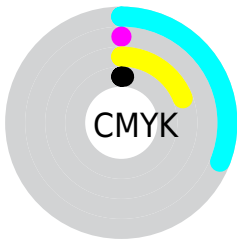
Distribution



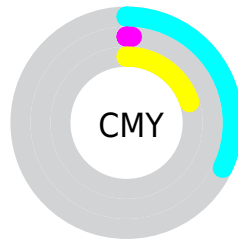
- Red (68%)
- Green (99%)
- Blue (80%)



- Red (68%)
- Yellow (90%)
- Blue (99%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (32%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9431, 82.8647, 69.8038 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 62.9431, 82.8647, 69.8038 by changing the saturation by 10% instead.


 62.9431, 82.8647,
69.8038

 62.9431, 82.8647,
69.8038

425.0259,
504.5355, 478.6313

 46.0537, 62.0785,
50.8908


 108.1697,
137.3859, 120.6074

 32.4930, 45.0962,
35.7456


137.2375,
171.8898, 153.3351

 21.8957, 31.5332,
23.9496


171.0956,
211.7351, 191.5047

 13.8964, 21.0052,
15.0844

210.1092,
257.3061, 235.5349

 8.1299, 13.1278,
8.7314

254.6436,
308.9872, 285.8441

 4.2307, 7.5166,
4.4720

305.0643,

 1.8334, 3.7872,

367.1629, 342.8508

1.8877

361.7366,
432.2175, 406.9737

■ 0.5377, 1.5553,
0.4849

■ 0.0000, 0.3272,
0.0000

■ 62.9431, 82.8647,
69.8038

■ 62.9431, 82.8647,
69.8038

■ 56.1405, 79.5620,
60.3660

■ 70.9817, 86.7883,
80.2456

■ 50.5029, 76.8373,
51.8965

■ 80.3092, 91.3526,
91.7145

■ 45.9618, 74.6583,
44.3656

■ 90.9834, 96.5891,
104.2400

■ 42.4387, 72.9851,
37.7398

■ 94.1020, 98.1039,
108.5840

■ 39.8439, 71.7721,
31.9834

■ 38.0703, 70.9650,
27.0583

■ 37.0586, 70.5226,
23.4345

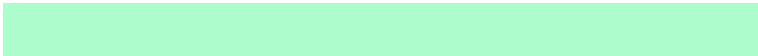
Harmonies

Analogous

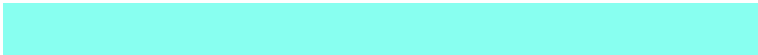
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3926, 82.8647, 53.2855



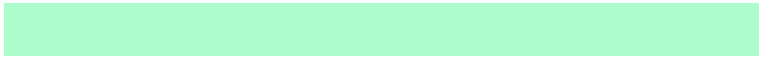
62.9431, 82.8647, 69.8038



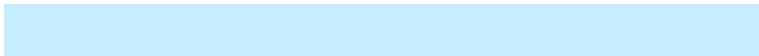
61.5795, 82.8647, 95.4674

Triad

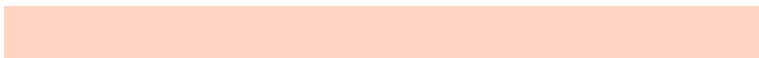
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9431, 82.8647, 69.8038



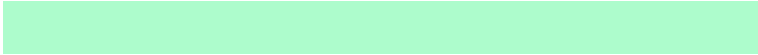
80.5701, 82.8647, 154.6980



94.9784, 82.8647, 62.5619

Complementary

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



62.9431, 82.8647, 69.8038



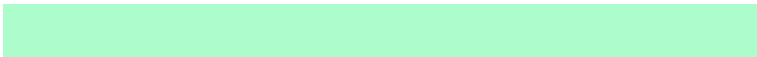
68.1425, 55.8050, 75.5900

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.



98.8722, 82.8647, 85.1792



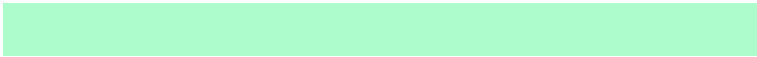
62.9431, 82.8647, 69.8038



90.1264, 82.8647, 141.1989

Square

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



62.9431, 82.8647, 69.8038



71.2631, 82.8647, 148.2460



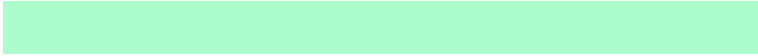
97.0277, 82.8647, 114.2861



86.7659, 82.8647, 49.7463

Rectangle

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



62.9431, 82.8647, 69.8038



63.0650, 82.8647, 115.3060



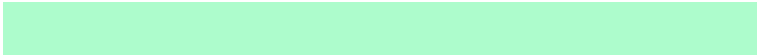
97.0277, 82.8647, 114.2861



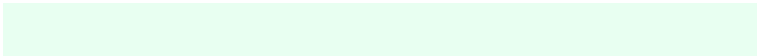
96.8652, 82.8647, 69.0743

Sweetspot

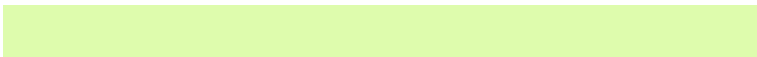
The Sweet Spot groups the original color and five complimentary colors.



62.9453, 82.8681, 69.8057



84.9404, 95.0384, 97.1299



72.3937, 88.1266, 52.7308



17.8539, 20.1819, 20.4004



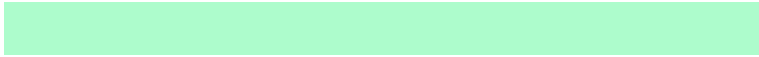
0.0000, 0.0000, 0.0000



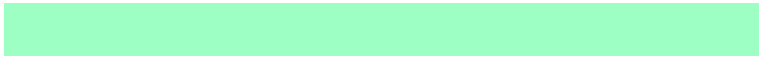
20.3446, 21.4041, 23.3091

Same Dimension

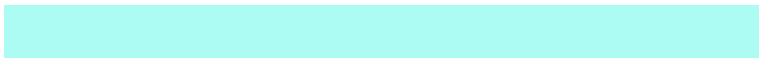
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9453, 82.8681, 69.8057



59.8580, 82.7904, 65.1231



68.1917, 84.9667, 97.4324



17.2994, 19.4220, 19.7772



19.3707, 36.7613, 12.5611



1.8445, 3.4249, 1.4288

Inverse Universe

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



68.1425, 55.8050, 75.5900



66.0054, 50.7564, 71.9483



63.5568, 53.9708, 51.4424



17.6877, 17.4024, 20.2110



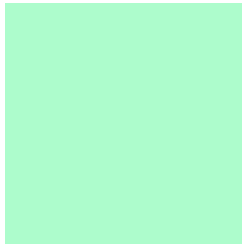
23.9867, 12.0104, 17.1700



2.2737, 1.1332, 1.8645

Previews

White Background



This preview shows how the XYZ color 62.9431, 82.8647, 69.8038 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 62.9431, 82.8647, 69.8038 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 62.9431, 82.8647, 69.8038

Background



This preview shows how black text looks on a background with the XYZ color 62.9431, 82.8647, 69.8038.



This preview shows how white text looks on a background with the XYZ color 62.9431, 82.8647,

69.8038.

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

62.9431, 82.8647, 69.8038

Protanopia

77.3470, 81.9921, 63.3792

Deuteranopia

81.6383, 81.8088, 77.8175



Tritanopia

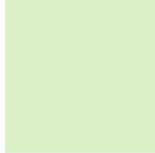
73.5927, 82.5481, 106.6624

Trichromacy



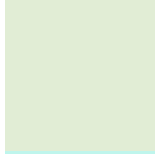
Original Color

62.9431, 82.8647, 69.8038



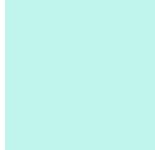
Protanomaly

70.8683, 81.6130, 65.4438



Deuteranomaly

73.3458, 81.3800, 74.7930



Tritanomaly

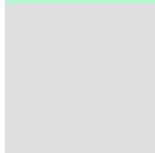
69.2786, 82.4373, 91.6175

Monochromacy



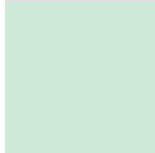
Original Color

62.9431, 82.8647, 69.8038



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.9943, 76.7826, 76.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9431, 82.8647, 69.8038 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(173, 252, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 252, 204)  
}
```

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(173, 252, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 252, 204) }
```

Border

The CSS property to change the border of an element to XYZ 62.9431, 82.8647, 69.8038 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(173, 252, 204) }
```


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

```
.border{ border-color:rgb(173, 252, 204) }
```

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

Here you see how a box with a 4 pixel rgb(173, 252, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 252, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 252, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 252,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9431, 82.8647, 69.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 252, 204) }
```

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

```
.background{ background-color: rgb(173,  
252, 204) }
```

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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