

Converting Colors

XYZ(62.3171, 84.0331, 66.3647)

Have a look what the booklet for
XYZ(62.3171, 84.0331, 66.3647)
contains.

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Color

**XYZ(62.3152, 84.0322,
66.3616)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFC6
RGB	169, 255, 198
RGB Percent	66%, 100%, 78%
CMY	0.3372, 0.0000, 0.2235
CMYK	0.34, 0.00, 0.22, 0.00
HSL	140°, 100%, 83%
HSV	140°, 34%, 100%
XYZ	62.3152, 84.0322, 66.3616
YIQ	222.7880, -32.9590, -35.9590

Conversions

Conversions Part 2

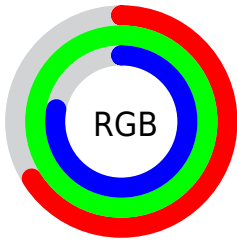
Format	Color
RYB	169, 233, 255
Decimal	11141062
CIELab	93.46, -37.46, 19.16
CIELCh	93, 42.080, 152.912
Yxy	84.0322, 0.2930, 0.3951
Android (android.graphics.Color)	4289331142 (0xFFA9FFC6)
YUV	222.7880, -12.2205, -47.1721
Hunter-Lab	91.6691, -39.0794, 21.2468

Details

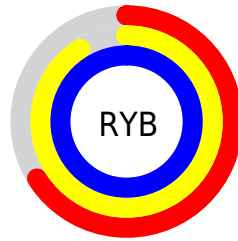
The XYZ color **62.3152, 84.0322, 66.3616** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69.1557, 55.1276, 78.9469**, and the grayscale version is **70.0892, 73.7393, 80.3021**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **32.1676, 45.9792, 33.5650** is the 20% darker color. If you saturate the color by 10%, you get **55.5257, 80.7449, 56.4295**, and if you desaturate by 10%, it is **70.3904, 87.9572, 77.4922**.

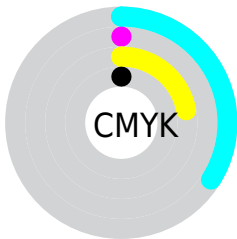
Distribution



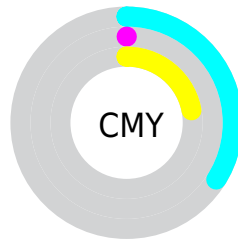
- Red (66%)
- Green (100%)
- Blue (78%)



- Red (66%)
- Yellow (91%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3152, 84.0322, 66.3616 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 62.3152, 84.0322, 66.3616 by changing the saturation by 10% instead.


 62.3152, 84.0322,
66.3616

 62.3152, 84.0322,
66.3616


422.7792,
508.4202, 466.1084

 45.5440, 63.0420,
48.1077


 107.2683,
139.0202, 115.6371

 32.0892, 45.8752,
33.5516


136.1810,
173.7868, 147.4958

 21.5855, 32.1474,
22.2747

169.8714,
213.9144, 184.7264

 13.6676, 21.4741,
13.8587

208.7051,
259.7873, 227.7476

 7.9700, 13.4710,
7.8848

253.0474,
311.7899, 276.9779

 4.1274, 7.7537,
3.9346

303.2636,

 1.7745, 3.9377,

370.3067, 332.8357

1.5895

359.7191,
435.7220, 395.7397

■ 0.5022, 1.6388,
0.2833

■ 0.0000, 0.3835,
0.0000

■ 62.3152, 84.0322,
66.3616

■ 62.3152, 84.0322,
66.3616

■ 55.5257, 80.7449,
56.4295

■ 70.3904, 87.9572,
77.4922

■ 49.9504, 78.0593,
47.6513

■ 79.8134, 92.5510,
89.8555

■ 45.5139, 75.9372,
39.9858

■ 90.6444, 97.8440,
103.4896

■ 42.1310, 74.3358,
33.3875

95.0500, 100.0000,
108.9000

■ 39.7034, 73.2053,
27.8077

■ 38.1126, 72.4857,
23.1935

■ 37.4394, 72.1918,
20.7635

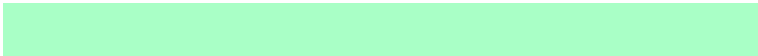
Harmonies

Analogous

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



68.8125, 84.0322, 49.1348



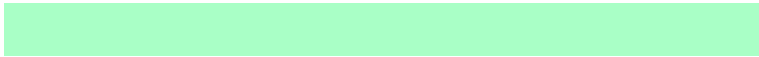
62.3152, 84.0322, 66.3616



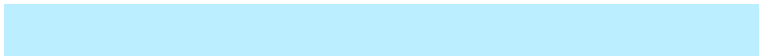
60.3725, 84.0322, 94.6408

Triad

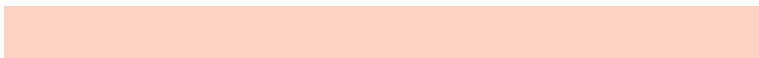
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.3152, 84.0322, 66.3616



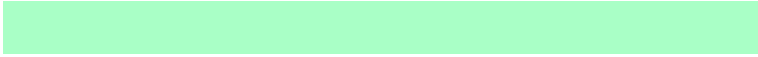
80.9605, 84.0322, 167.2398



99.1869, 84.0322, 62.1092

Complementary

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



62.3152, 84.0322, 66.3616



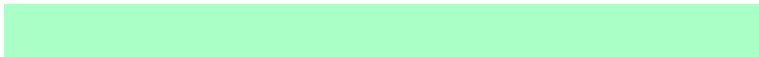
69.1557, 55.1276, 78.9469

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.



103.1696, 84.0322, 88.4232



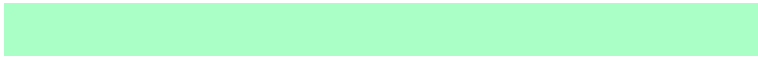
62.3152, 84.0322, 66.3616



92.0529, 84.0322, 153.0931

Square

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



62.3152, 84.0322, 66.3616



70.5289, 84.0322, 157.5164



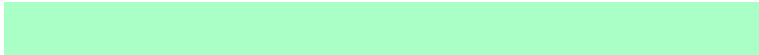
100.4463, 84.0322, 122.2910



90.0017, 84.0322, 47.1094

Rectangle

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



62.3152, 84.0322, 66.3616



61.7590, 84.0322, 117.4511



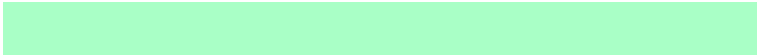
100.4463, 84.0322, 122.2910



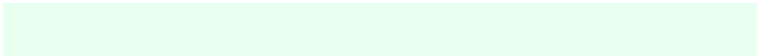
101.2152, 84.0322, 69.6788

Sweetspot

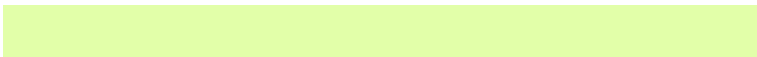
The Sweet Spot groups the original color and five complimentary colors.



62.3159, 84.0325, 66.3630



83.6801, 94.4393, 94.7835



74.3905, 90.6074, 51.1052



17.5938, 20.0589, 19.8851



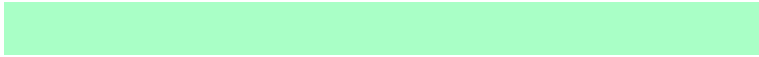
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

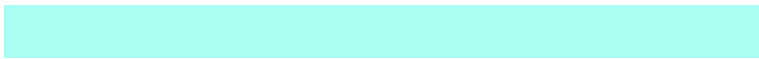
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3159, 84.0325, 66.3630



57.9090, 81.8972, 59.9923



67.9500, 86.2862, 96.0321



18.0243, 20.2692, 20.4308



19.6249, 37.7466, 11.1760



1.9594, 3.6947, 1.3438

Inverse Universe

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



69.1557, 55.1276, 78.9469



65.6296, 49.2418, 74.1754



64.0104, 53.0695, 51.8524



18.5170, 18.1901, 21.3398



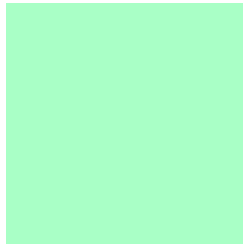
25.3637, 12.6348, 21.0974



2.5206, 1.2506, 2.3228

Previews

White Background



This preview shows how the XYZ color 62.3152, 84.0322, 66.3616 looks on a white background.

Color Contrast Check

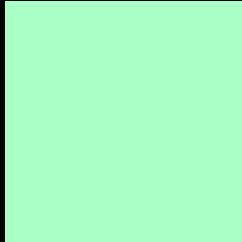
Large Text (above 18pt) WCAG AA × Fail

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 62.3152, 84.0322, 66.3616 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 62.3152, 84.0322, 66.3616

Background



This preview shows how black text looks on a background with the XYZ color 62.3152, 84.0322, 66.3616.

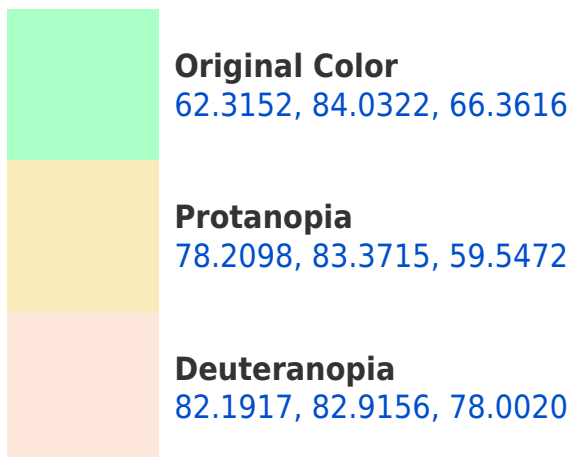


This preview shows how white text looks on a background with the XYZ color 62.3152, 84.0322,

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

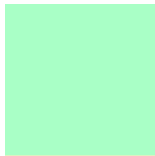




Tritanopia

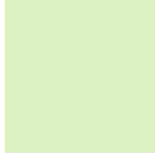
74.7040, 83.5616, 106.7994

Trichromacy



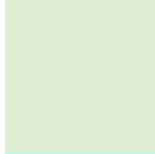
Original Color

62.3152, 84.0322, 66.3616



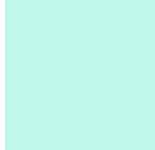
Protanomaly

71.0854, 82.6822, 62.0818



Deuteranomaly

73.3648, 82.2834, 73.6436



Tritanomaly

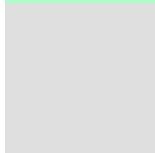
69.5979, 83.5384, 90.2982

Monochromacy



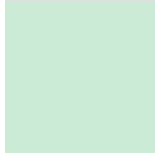
Original Color

62.3152, 84.0322, 66.3616



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.4745, 76.9682, 74.9711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3152, 84.0322, 66.3616 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(169, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 198)  
}
```

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(169, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.3152, 84.0322, 66.3616 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(169, 255, 198) }
```


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

```
.border{ border-color:rgb(169, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3152, 84.0322, 66.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 198) }
```

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

```
.background{ background-color: rgb(169,  
255, 198) }
```

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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