

Converting Colors

XYZ(62.9521, 85.1986, 61.8693)

Have a look what the booklet for
XYZ(62.9521, 85.1986, 61.8693)
contains.

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Color

**XYZ(62.5098, 84.2364,
61.6798)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFFBE
RGB	174, 255, 190
RGB Percent	68%, 100%, 75%
CMY	0.3176, 0.0000, 0.2549
CMYK	0.32, 0.00, 0.25, 0.00
HSL	132°, 100%, 84%
HSV	132°, 32%, 100%
XYZ	62.5098, 84.2364, 61.6798
YIQ	223.3710, -27.4110, -37.3870

Conversions

Conversions Part 2

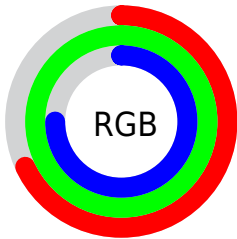
Format	Color
RYB	174, 242, 255
Decimal	11468734
CIELab	93.55, -37.39, 23.40
CIELCh	94, 44.112, 147.963
Yxy	84.2364, 0.2999, 0.4042
Android (android.graphics.Color)	4289658814 (0xFFFAEFFBE)
YUV	223.3710, -16.4519, -43.2984
Hunter-Lab	91.7804, -39.0429, 24.4012

Details

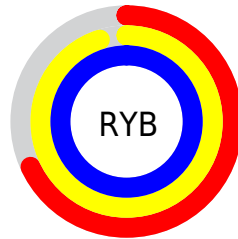
The XYZ color **62.5098, 84.2364, 61.6798** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.9562, 57.7646, 89.0179**, and the grayscale version is **70.5301, 74.2031, 80.8072**.

A 20% lighter version of the original color is **85.5035, 95.2243, 101.8693**, and **32.2458, 46.0877, 30.4888** is the 20% darker color. If you saturate the color by 10%, you get **55.2759, 80.7476, 50.4748**, and if you desaturate by 10%, it is **71.1373, 88.4072, 74.5918**.

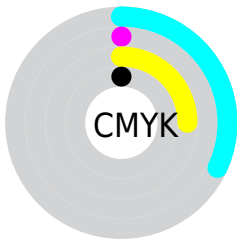
Distribution



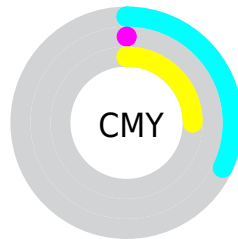
- Red (68%)
- Green (100%)
- Blue (75%)



- Red (68%)
- Yellow (95%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (32%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5098, 84.2364, 61.6798 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 62.5098, 84.2364, 61.6798 by changing the saturation by 10% instead.


 62.5098, 84.2364,
61.6798

 62.5098, 84.2364,
61.6798


423.4762,
509.0979, 448.7375

 45.7019, 63.2106,
44.3399


 107.5478,
139.3058, 108.8297

 32.2143, 46.0116,
30.5987


136.5086,
174.1183, 139.4768

 21.6816, 32.2550,
20.0375


170.2511,
214.2950, 175.3967

 13.7384, 21.5563,
12.2380

209.1406,
260.2206, 217.0080

 8.0194, 13.5313,
6.7815

253.5425,
312.2792, 264.7292

 4.1593, 7.7954,
3.2494

303.8222,

 1.7926, 3.9643,

370.8554, 318.9788

1.2234

360.3450,
436.3335, 380.1754

■ 0.5132, 1.6536,
0.0000

■ 0.0000, 0.3933,
0.0000

■ 62.5098, 84.2364,
61.6798

■ 62.5098, 84.2364,
61.6798

■ 55.2759, 80.7476,
50.4748

■ 71.1373, 88.4072,
74.5918

■ 49.3595, 77.9034,
40.9014

■ 81.2253, 93.2932,
89.2740

■ 44.6802, 75.6638,
32.8844

■ 92.8384, 98.9264,
105.7911

■ 41.1475, 73.9837,
26.3413

95.0500, 100.0000,
108.9000

■ 38.6580, 72.8120,
21.1818

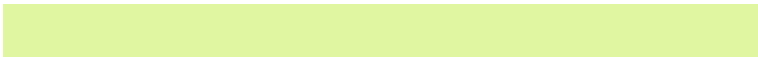
■ 37.0892, 72.0874,
17.3054

■ 36.3438, 71.7535,
14.9944

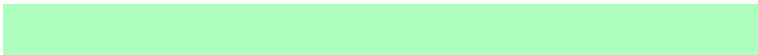
Harmonies

Analogous

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



69.9970, 84.2364, 45.8637



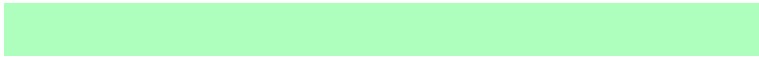
62.5098, 84.2364, 61.6798



59.6686, 84.2364, 89.4542

Triad

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



62.5098, 84.2364, 61.6798



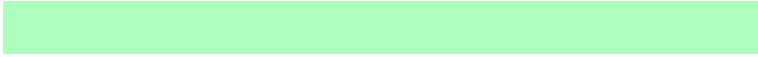
79.2694, 84.2364, 172.0940



101.5627, 84.2364, 64.7662

Complementary

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



62.5098, 84.2364, 61.6798



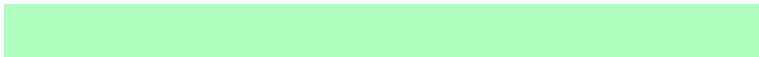
71.9562, 57.7646, 89.0179

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.



104.6466, 84.2364, 94.0219



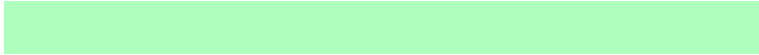
62.5098, 84.2364, 61.6798



91.0531, 84.2364, 160.9901

Square

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



62.5098, 84.2364, 61.6798



68.7417, 84.2364, 157.6898



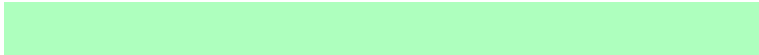
100.6311, 84.2364, 130.2044



92.5662, 84.2364, 47.3176

Rectangle

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



62.5098, 84.2364, 61.6798



60.5605, 84.2364, 112.9993



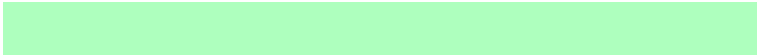
100.6311, 84.2364, 130.2044



103.3613, 84.2364, 73.2938

Sweetspot

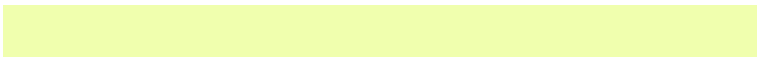
The Sweet Spot groups the original color and five complimentary colors.



62.5104, 84.2366, 61.6811



83.1615, 94.2318, 92.0528



79.3863, 93.1276, 53.8364



17.4690, 20.0090, 19.2283



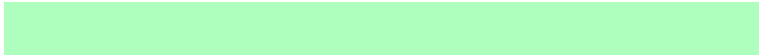
0.0000, 0.0000, 0.0000



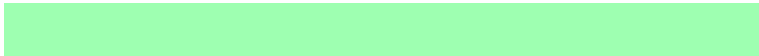
20.3446, 21.4041, 23.3091

Same Dimension

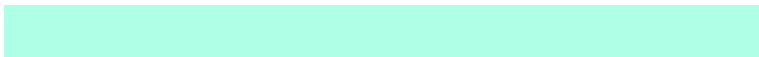
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5104, 84.2366, 61.6811



57.8402, 81.9832, 54.4974



67.4077, 86.1956, 87.4702



17.9182, 20.2268, 19.8723



19.0317, 37.5093, 8.0521



1.8894, 3.6667, 0.9753

Inverse Universe

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



71.9562, 57.7646, 89.0179



68.6036, 51.7957, 85.6305



66.7609, 55.6865, 61.6598



18.6298, 18.2352, 21.9336



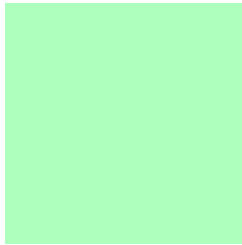
27.3374, 13.4243, 31.4910



2.6991, 1.3220, 3.2630

Previews

White Background



This preview shows how the XYZ color 62.5098, 84.2364, 61.6798 looks on a white background.

Color Contrast Check

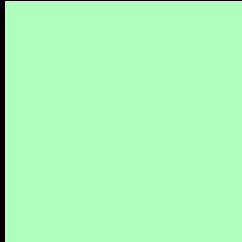
Large Text (above 18pt) WCAG AA × Fail

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 62.5098, 84.2364, 61.6798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

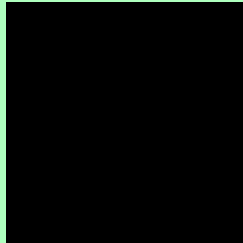
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5098, 84.2364, 61.6798

Background



This preview shows how black text looks on a background with the XYZ color 62.5098, 84.2364, 61.6798.



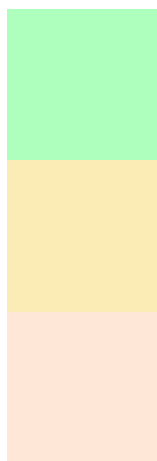
This preview shows how white text looks on a background with the XYZ color 62.5098, 84.2364,

61.6798.

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

62.5098, 84.2364, 61.6798

Protanopia

77.8325, 83.2621, 55.6850

Deuteranopia

82.2106, 83.3697, 76.7247



Tritanopia

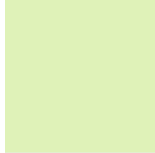
75.2557, 83.8461, 106.8253

Trichromacy



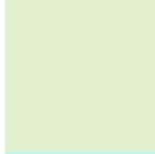
Original Color

62.5098, 84.2364, 61.6798



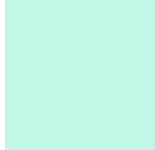
Protanomaly

70.8353, 82.6529, 57.5676



Deuteranomaly

73.7866, 82.9939, 71.1619



Tritanomaly

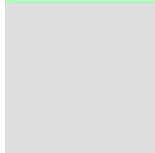
69.9327, 83.7604, 88.0828

Monochromacy



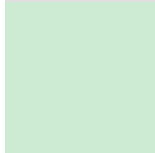
Original Color

62.5098, 84.2364, 61.6798



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.6430, 77.0989, 72.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5098, 84.2364, 61.6798 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.5098, 84.2364, 61.6798 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, 190) }
```


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

```
.border{ border-color:rgb(174, 255, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5098, 84.2364, 61.6798 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, 190) }
```

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

```
.background{ background-color: rgb(174,  
255, 190) }
```

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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