

Converting Colors

XYZ(62.5149, 84.1601, 65.1685)

Have a look what the booklet for
XYZ(62.5149, 84.1601, 65.1685)
contains.

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Color

**XYZ(62.5184, 84.1634,
65.1747)**

Conversions

Conversions Part 1

Format	Color
Hex	ABFFC4
RGB	171, 255, 196
RGB Percent	67%, 100%, 77%
CMY	0.3294, 0.0000, 0.2314
CMYK	0.33, 0.00, 0.23, 0.00
HSL	138°, 100%, 84%
HSV	138°, 33%, 100%
XYZ	62.5184, 84.1634, 65.1747
YIQ	223.1580, -31.1250, -36.1570

Conversions

Conversions Part 2

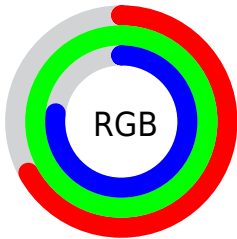
Format	Color
RYB	171, 236, 255
Decimal	11272132
CIELab	93.52, -37.24, 20.28
CIELCh	94, 42.401, 151.431
Yxy	84.1634, 0.2951, 0.3973
Android (android.graphics.Color)	4289462212 (0xFFABFFC4)
YUV	223.1580, -13.3889, -45.7426
Hunter-Lab	91.7406, -38.9038, 22.0974

Details

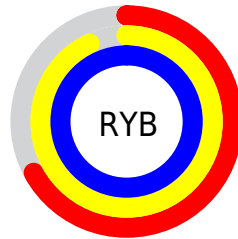
The XYZ color **62.5184, 84.1634, 65.1747** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.0862, 56.0997, 81.9970**, and the grayscale version is **70.3593, 74.0235, 80.6116**.

A 20% lighter version of the original color is **85.4845, 95.1058, 106.7803**, and **32.2790, 46.0542, 32.7792** is the 20% darker color. If you saturate the color by 10%, you get **55.5708, 80.8035, 54.8356**, and if you desaturate by 10%, it is **70.7822, 88.1738, 76.8485**.

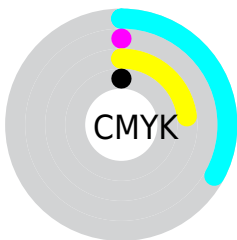
Distribution



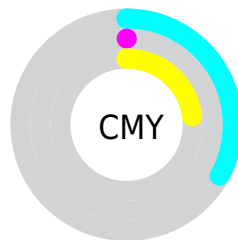
- Red (67%)
- Green (100%)
- Blue (77%)



- Red (67%)
- Yellow (93%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5184, 84.1634, 65.1747 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 62.5184, 84.1634, 65.1747 by changing the saturation by 10% instead.


 62.5184, 84.1634,
65.1747

 62.5184, 84.1634,
65.1747


423.5070,
508.8557, 461.7429

 45.7089, 63.1504,
47.1505


 107.5601,
139.2037, 113.9167

 32.2198, 45.9629,
32.7995


136.5231,
173.9998, 145.4715

 21.6858, 32.2165,
21.7030


170.2679,
214.1590, 182.3737

 13.7415, 21.5269,
13.4426

209.1598,
260.0657, 225.0417

 8.0216, 13.5097,
7.5997

253.5644,
312.1043, 273.8941

 4.1607, 7.7805,
3.7558

303.8469,

 1.7934, 3.9548,

370.6593, 329.3494

1.4924

360.3726,
436.1149, 391.8261

■ 0.5137, 1.6483,
0.2122

■ 0.0000, 0.3898,
0.0000

■ 62.5184, 84.1634,
65.1747

■ 62.5184, 84.1634,
65.1747

■ 55.5708, 80.8035,
54.8356

■ 70.7822, 88.1738,
76.8485

■ 49.8671, 78.0576,
45.7794

■ 80.4252, 92.8661,
89.8984

■ 45.3306, 75.8875,
37.9566

■ 91.5086, 98.2710,
104.3688

■ 41.8753, 74.2497,
31.3131

95.0500, 100.0000,
108.9000

■ 39.4024, 73.0945,
25.7907

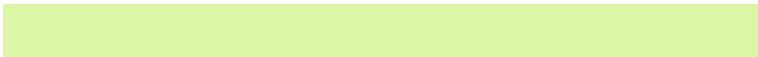
■ 37.7934, 72.3622,
21.3256

■ 37.0609, 72.0404,
18.7704

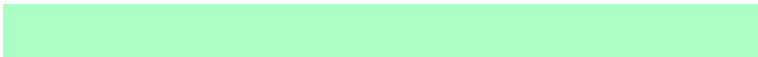
Harmonies

Analogous

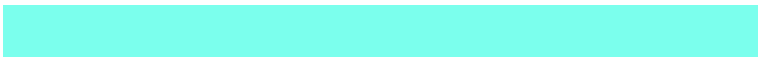
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2729, 84.1634, 48.4133



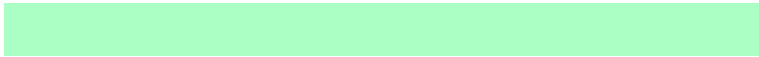
62.5184, 84.1634, 65.1747



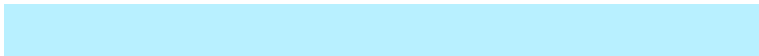
60.3235, 84.1634, 93.1895

Triad

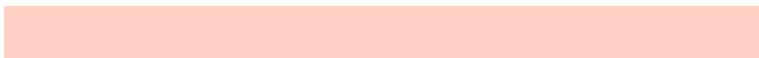
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.5184, 84.1634, 65.1747



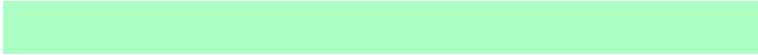
80.5341, 84.1634, 168.2417



99.8326, 84.1634, 63.0709

Complementary

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



62.5184, 84.1634, 65.1747



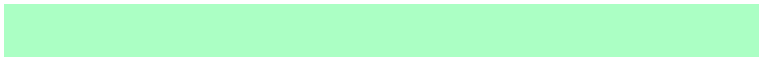
70.0862, 56.0997, 81.9970

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.



103.5358, 84.1634, 90.1071



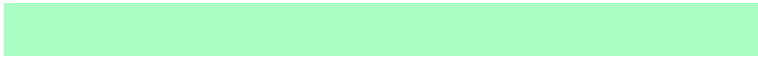
62.5184, 84.1634, 65.1747



91.7696, 84.1634, 155.0505

Square

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



62.5184, 84.1634, 65.1747



70.1231, 84.1634, 157.2491



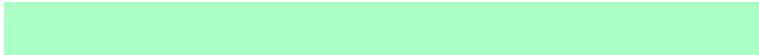
100.4577, 84.1634, 124.4448



90.7520, 84.1634, 47.4131

Rectangle

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



62.5184, 84.1634, 65.1747



61.5609, 84.1634, 116.0959



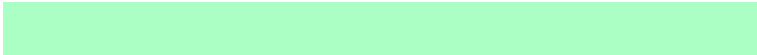
100.4577, 84.1634, 124.4448



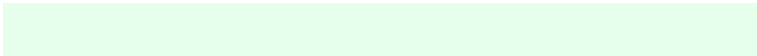
101.7838, 84.1634, 70.8844

Sweetspot

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



62.5191, 84.1638, 65.1761



83.5320, 94.3800, 94.0040



76.1306, 91.4827, 52.1745



17.5581, 20.0447, 19.6974



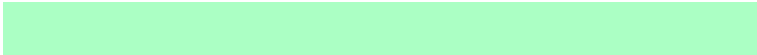
0.0000, 0.0000, 0.0000



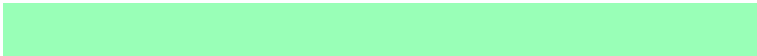
20.3446, 21.4041, 23.3091

Same Dimension

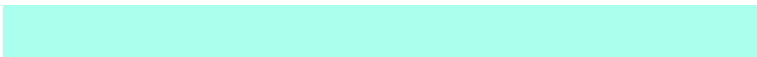
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5191, 84.1638, 65.1761



57.4815, 81.7261, 57.7407



67.8119, 86.2809, 93.0478



17.9940, 20.2571, 20.2714



19.4219, 37.6654, 10.1072



1.9366, 3.6856, 1.2242

Inverse Universe

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



70.0862, 56.0997, 81.9970



66.1730, 49.4592, 77.0370



65.0105, 54.0694, 55.2689



18.5488, 18.2028, 21.5071



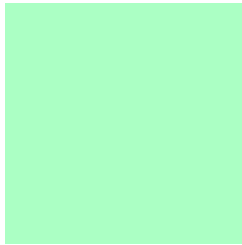
25.8748, 12.8392, 23.7889



2.5675, 1.2694, 2.5698

Previews

White Background



This preview shows how the XYZ color 62.5184, 84.1634, 65.1747 looks on a white background.

Color Contrast Check

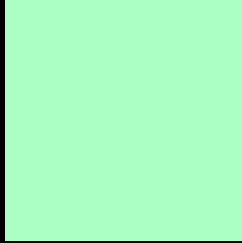
Large Text (above 18pt) WCAG AA × Fail

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 62.5184, 84.1634, 65.1747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

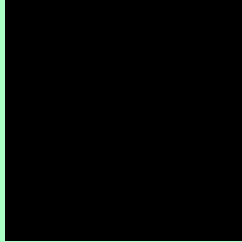
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5184, 84.1634, 65.1747

Background



This preview shows how black text looks on a background with the XYZ color 62.5184, 84.1634, 65.1747.



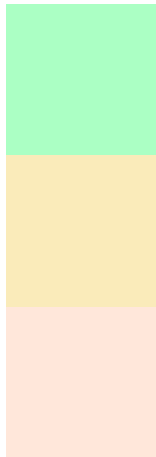
This preview shows how white text looks on a background with the XYZ color 62.5184, 84.1634,

65.1747.

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

62.5184, 84.1634, 65.1747

Protanopia

77.9956, 83.2858, 58.4193

Deuteranopia

82.4708, 83.4738, 78.0950



Tritanopia

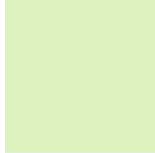
74.9790, 83.7034, 106.8123

Trichromacy



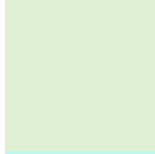
Original Color

62.5184, 84.1634, 65.1747



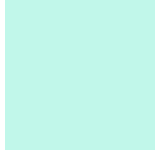
Protanomaly

70.8652, 82.5941, 60.9225



Deuteranomaly

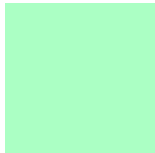
73.5334, 82.8206, 73.0831



Tritanomaly

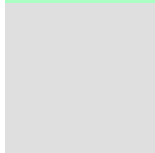
70.1044, 83.7995, 90.3219

Monochromacy



Original Color

62.5184, 84.1634, 65.1747



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.6204, 77.0581, 74.3132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5184, 84.1634, 65.1747 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(171, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 196)  
}
```

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(171, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.5184, 84.1634, 65.1747 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(171, 255, 196) }
```


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

```
.border{ border-color:rgb(171, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5184, 84.1634, 65.1747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 196) }
```

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

```
.background{ background-color: rgb(171,  
255, 196) }
```

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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