

Converting Colors

XYZ(62.5176, 83.0171, 62.5179)

Have a look what the booklet for
XYZ(62.5176, 83.0171, 62.5179)
contains.

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Color

**XYZ(62.4563, 82.7737,
62.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FCC0
RGB	177, 252, 192
RGB Percent	69%, 99%, 75%
CMY	0.3059, 0.0117, 0.2471
CMYK	0.30, 0.00, 0.24, 0.01
HSL	132°, 93%, 84%
HSV	132°, 30%, 99%
XYZ	62.4563, 82.7737, 62.5543
YIQ	222.7350, -25.4400, -34.5600

Conversions

Conversions Part 2

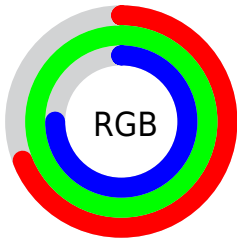
Format	Color
RYB	177, 240, 252
Decimal	11664576
CIELab	92.92, -34.77, 21.52
CIELCh	93, 40.891, 148.243
Yxy	82.7737, 0.3006, 0.3984
Android (android.graphics.Color)	4289854656 (0xFFB1FCC0)
YUV	222.7350, -15.1524, -40.1096
Hunter-Lab	90.9801, -36.6778, 22.9206

Details

The XYZ color **62.4563, 82.7737, 62.5543** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.1559, 58.2560, 87.6184**, and the grayscale version is **70.0700, 73.7191, 80.2801**.

A 20% lighter version of the original color is **86.7906, 95.8520, 103.5495**, and **32.1286, 45.0028, 31.0378** is the 20% darker color. If you saturate the color by 10%, you get **55.1549, 79.2527, 51.3404**, and if you desaturate by 10%, it is **71.1280, 86.9704, 75.4331**.

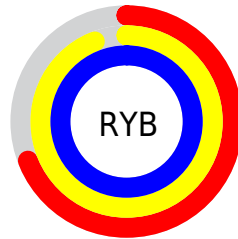
Distribution



Red (69%)

Green (99%)

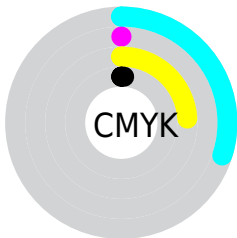
Blue (75%)



Red (69%)

Yellow (94%)

Blue (99%)

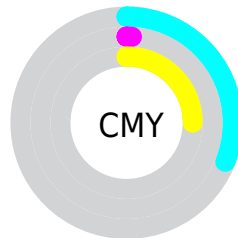


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (1%)



Cyan (31%)

Magenta (1%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4563, 82.7737, 62.5543 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 62.4563, 82.7737, 62.5543 by changing the saturation by 10% instead.

62.4563, 82.7737,
62.5543

62.4563, 82.7737,
62.5543

423.2847,
504.2320, 452.0135

45.6585, 62.0035,
45.0421

107.4710,
137.2585, 110.1056

32.1799, 45.0355,
31.1474

136.4185,
171.7418, 140.9817

21.6552, 31.4854,
20.4517

170.1467,
211.5650, 177.1496

13.7189, 20.9687,
12.5365

209.0209,
257.1123, 219.0277

8.0058, 13.1012,
6.9832

253.4065,
308.7684, 267.0346

4.1505, 7.4982,
3.3733


303.6687,


1.7876, 3.7756,


366.9174, 321.5888


1.2883

360.1730,
431.9438, 383.1090


 0.5102, 1.5488,
0.0521


 0.0000, 0.3227,
0.0000


 62.4563, 82.7737,
62.5543


 62.4563, 82.7737,
62.5543


 55.1549, 79.2527,
51.3404


 71.1280, 86.9704,
75.4331


 49.1464, 76.3620,
41.7182

 81.2291, 91.8650,
90.0352

 44.3559, 74.0667,
33.6168

 92.8231, 97.4912,
106.4231

 40.6975, 72.3243,
26.9582

 94.1020, 98.1040,
108.5840

■ 38.0742, 71.0866,
21.6572

■ 36.3715, 70.2964,
17.6195

■ 35.4144, 69.8658,
14.7370

■ 35.3964, 69.8578,
14.6815

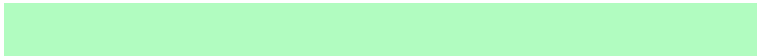
Harmonies

Analogous

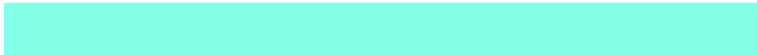
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3411, 82.7737, 47.5726



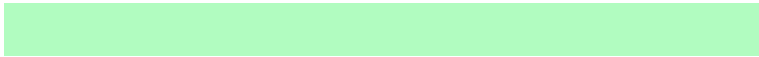
62.4563, 82.7737, 62.5543



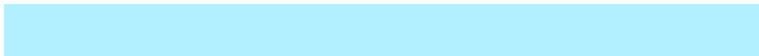
59.8625, 82.7737, 88.3332

Triad

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



62.4563, 82.7737, 62.5543



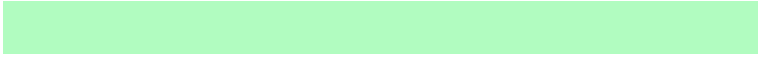
78.0452, 82.7737, 162.7137



98.2098, 82.7737, 65.0377

Complementary

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



62.4563, 82.7737, 62.5543



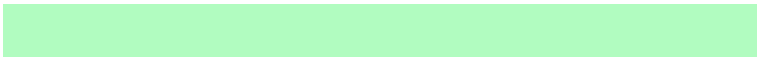
71.1559, 58.2560, 87.6184

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.



101.0632, 82.7737, 91.9439



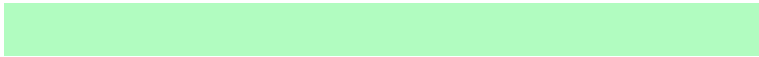
62.4563, 82.7737, 62.5543



88.8087, 82.7737, 152.5801

Square

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



62.4563, 82.7737, 62.5543



68.3422, 82.7737, 150.0301



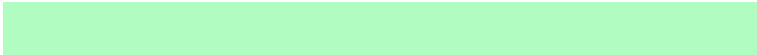
97.4808, 82.7737, 124.8017



89.9977, 82.7737, 48.7615

Rectangle

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



62.4563, 82.7737, 62.5543



60.7198, 82.7737, 109.8426



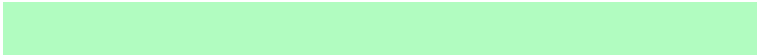
97.4808, 82.7737, 124.8017



99.8584, 82.7737, 72.9232

Sweetspot

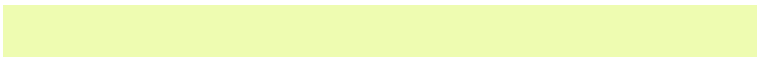
The Sweet Spot groups the original color and five complimentary colors.



62.4585, 82.7772, 62.5561



84.2884, 94.7776, 93.6967



78.0934, 91.0196, 55.0484



17.6941, 20.1180, 19.5591



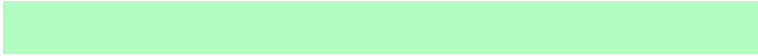
0.0000, 0.0000, 0.0000



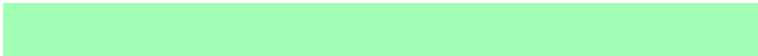
20.3446, 21.4041, 23.3091

Same Dimension

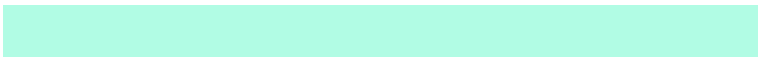
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4585, 82.7772, 62.5561



59.3033, 82.6869, 56.8525



66.9827, 84.5869, 86.3803



17.1593, 19.3660, 19.0394



18.4788, 36.4045, 7.8646



1.7473, 3.3860, 0.9170

Inverse Universe

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



71.1559, 58.2560, 87.6184



69.6062, 53.6189, 86.5261



66.3827, 56.3467, 62.4832



17.8355, 17.4616, 20.9896



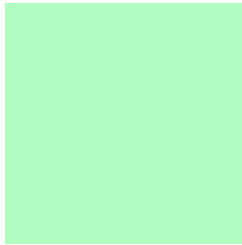
26.4946, 13.0136, 30.3766



2.4903, 1.2199, 3.0055

Previews

White Background



This preview shows how the XYZ color 62.4563, 82.7737, 62.5543 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 62.4563, 82.7737, 62.5543 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 62.4563, 82.7737, 62.5543

Background



This preview shows how black text looks on a background with the XYZ color 62.4563, 82.7737, 62.5543.

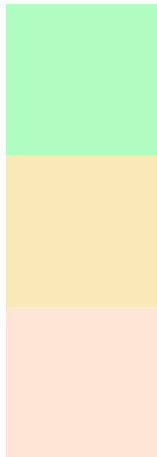


This preview shows how white text looks on a background with the XYZ color 62.4563, 82.7737,

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

62.4563, 82.7737, 62.5543

Protanopia

76.7531, 81.8365, 56.5504

Deuteranopia

81.3969, 82.1537, 75.1855



Tritanopia

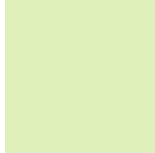
73.8387, 82.2367, 106.5893

Trichromacy



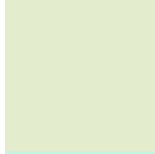
Original Color

62.4563, 82.7737, 62.5543



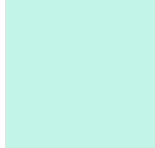
Protanomaly

70.4544, 81.5533, 58.4824



Deuteranomaly

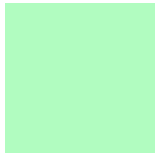
73.1033, 81.3555, 70.2427



Tritanomaly

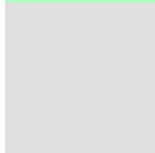
69.1643, 81.9969, 88.5256

Monochromacy



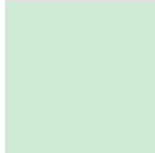
Original Color

62.4563, 82.7737, 62.5543



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.7601, 76.7209, 73.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4563, 82.7737, 62.5543 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(177, 252, 192)` looks like.

```
.text, #text, p{  
    color:rgb(177, 252, 192)  
}
```

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(177, 252, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 252, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.4563, 82.7737, 62.5543 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(177, 252, 192) }
```


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

```
.border{ border-color:rgb(177, 252, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 252, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 252, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 252, 192); box-shadow:4px 4px 4px 4px rgb(177, 252, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4563, 82.7737, 62.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 252, 192) }
```

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

```
.background{ background-color: rgb(177,  
252, 192) }
```

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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