

Converting Colors

XYZ(63.7639, 87.9927, 63.2002)

Have a look what the booklet for
XYZ(63.7639, 87.9927, 63.2002)
contains.

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Color

**XYZ(61.5262, 83.7166,
62.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFBF
RGB	169, 255, 191
RGB Percent	66%, 100%, 75%
CMY	0.3372, 0.0000, 0.2510
CMYK	0.34, 0.00, 0.25, 0.00
HSL	135°, 100%, 83%
HSV	135°, 34%, 100%
XYZ	61.5262, 83.7166, 62.2064
YIQ	221.9900, -30.7120, -38.1360

Conversions

Conversions Part 2

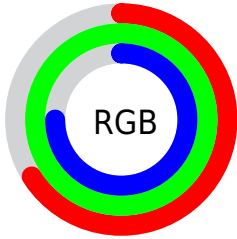
Format	Color
RYB	169, 237, 255
Decimal	11141055
CIELab	93.33, -38.71, 22.54
CIElCh	93, 44.798, 149.790
Yxy	83.7166, 0.2966, 0.4036
Android (android.graphics.Color)	4289331135 (0xFFA9FFBF)
YUV	221.9900, -15.2781, -46.4722
Hunter-Lab	91.4968, -40.0886, 23.7379

Details

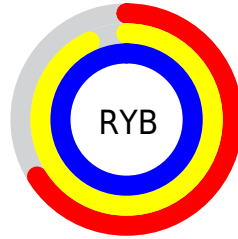
The XYZ color **61.5262, 83.7166, 62.2064** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.1363, 55.5198, 84.1103**, and the grayscale version is **69.5439, 73.1656, 79.6773**.

A 20% lighter version of the original color is **84.0673, 94.4661, 102.6099**, and **31.6489, 45.7717, 30.8337** is the 20% darker color. If you saturate the color by 10%, you get **54.6237, 80.3841, 51.6795**, and if you desaturate by 10%, it is **69.7674, 87.7080, 74.2111**.

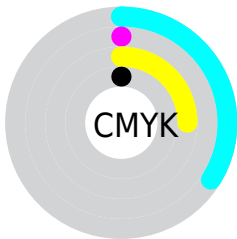
Distribution



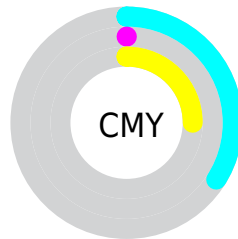
- Red (66%)
- Green (100%)
- Blue (75%)



- Red (66%)
- Yellow (93%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5262, 83.7166, 62.2064 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 61.5262, 83.7166, 62.2064 by changing the saturation by 10% instead.

61.5262, 83.7166,
62.2064

61.5262, 83.7166,
62.2064

419.9459,
507.3717, 450.7120

44.9041, 62.7815,
44.7626

106.1343,
138.5787, 109.5983

31.5829, 45.6645,
30.9289

134.8510,
173.2744, 140.3834

21.1971, 31.9811,
20.2867

168.3299,
213.3258, 176.4528

13.3814, 21.3471,
12.4175

206.9365,
259.1173, 218.2250

7.7705, 13.3779,
6.9027

251.0360,
311.0332, 266.1184

3.9990, 7.6893,
3.3238

300.9938,

1.7016, 3.8968,

369.4580, 320.5517

1.2623

357.1753,
434.7760, 381.9434

■ 0.4573, 1.6160,
0.0306

■ 0.0000, 0.3683,
0.0000

■ 61.5262, 83.7166,
62.2064

■ 61.5262, 83.7166,
62.2064

■ 54.6237, 80.3841,
51.6795

■ 69.7674, 87.7080,
74.2111

■ 48.9853, 77.6732,
42.5690

■ 79.4124, 92.3906,
87.7437

■ 44.5321, 75.5445,
34.8154

■ 90.5242, 97.7960,
102.8568

■ 41.1749, 73.9534,
28.3531

95.0500, 100.0000,
108.9000

■ 38.8114, 72.8485,
23.1109

■ 37.3183, 72.1680,
19.0107

■ 36.7210, 71.9044,
16.9804

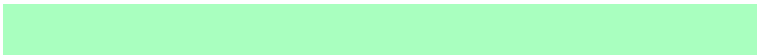
Harmonies

Analogous

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



68.8199, 83.7166, 45.5842



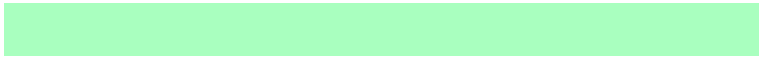
61.5262, 83.7166, 62.2064



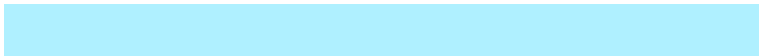
58.9663, 83.7166, 90.9152

Triad

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



61.5262, 83.7166, 62.2064



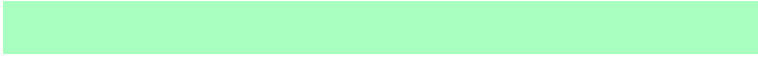
79.4870, 83.7166, 172.8126



100.9337, 83.7166, 62.5267

Complementary

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



61.5262, 83.7166, 62.2064



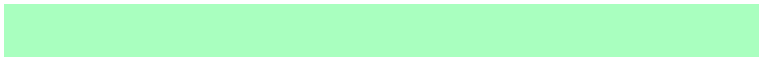
70.1363, 55.5198, 84.1103

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.



104.4885, 83.7166, 91.3916



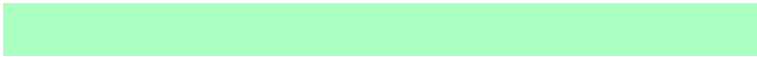
61.5262, 83.7166, 62.2064



91.3853, 83.7166, 159.9886

Square

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



61.5262, 83.7166, 62.2064



68.6892, 83.7166, 159.6422



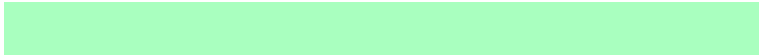
100.8362, 83.7166, 127.9210



91.5434, 83.7166, 45.7345

Rectangle

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



61.5262, 83.7166, 62.2064



60.0705, 83.7166, 114.9754



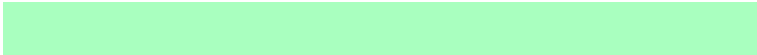
100.8362, 83.7166, 127.9210



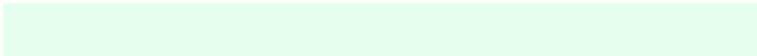
102.8897, 83.7166, 70.8721

Sweetspot

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



61.5268, 83.7169, 62.2077



83.3766, 94.3179, 93.1856



76.6895, 91.7926, 51.2129



17.5207, 20.0297, 19.5005



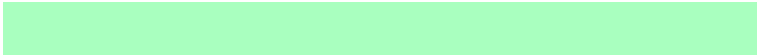
0.0000, 0.0000, 0.0000



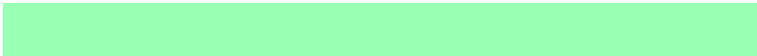
20.3446, 21.4041, 23.3091

Same Dimension

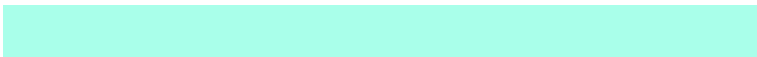
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5268, 83.7169, 62.2077



57.0431, 81.5508, 55.4321



66.9022, 85.8671, 90.5141



17.9622, 20.2444, 20.1041



19.2382, 37.5919, 9.1396



1.9152, 3.6770, 1.1112

Inverse Universe

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



70.1363, 55.5198, 84.1103



66.7610, 49.6944, 80.1332



64.7775, 53.3763, 55.8916



18.5825, 18.2163, 21.6846



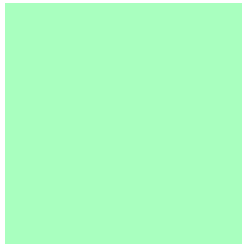
26.4556, 13.0715, 26.8474



2.6202, 1.2904, 2.8472

Previews

White Background



This preview shows how the XYZ color 61.5262, 83.7166, 62.2064 looks on a white background.

Color Contrast Check

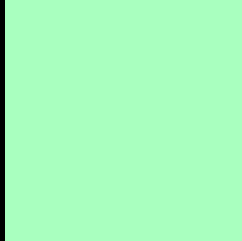
Large Text (above 18pt) WCAG AA × Fail

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 61.5262, 83.7166, 62.2064 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 61.5262, 83.7166, 62.2064

Background



This preview shows how black text looks on a background with the XYZ color 61.5262, 83.7166, 62.2064.

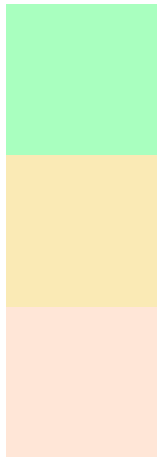


This preview shows how white text looks on a background with the XYZ color 61.5262, 83.7166,

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

61.5262, 83.7166, 62.2064

Protanopia

77.1876, 82.5058, 55.5731

Deuteranopia

81.8026, 82.7599, 75.9528



Tritanopia

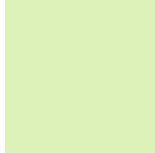
74.4307, 83.4208, 106.7866

Trichromacy



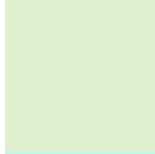
Original Color

61.5262, 83.7166, 62.2064



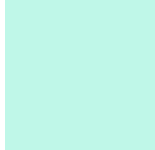
Protanomaly

70.3279, 82.3792, 58.0930



Deuteranomaly

72.7476, 82.0365, 70.3929



Tritanomaly

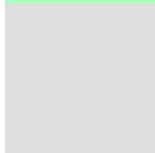
69.3121, 83.4241, 88.7933

Monochromacy



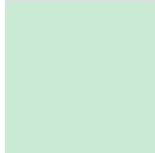
Original Color

61.5262, 83.7166, 62.2064



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.8093, 76.2453, 72.8763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5262, 83.7166, 62.2064 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 61.5262, 83.7166, 62.2064 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, 191) }
```


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

```
.border{ border-color:rgb(169, 255, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5262, 83.7166, 62.2064 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, 191) }
```

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

```
.background{ background-color: rgb(169,  
255, 191) }
```

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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