

Converting Colors

XYZ(63.7495, 88.6376, 60.9993)

Have a look what the booklet for
XYZ(63.7495, 88.6376, 60.9993)
contains.

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Color

**XYZ(61.0918, 83.5429,
59.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFBB
RGB	169, 255, 187
RGB Percent	66%, 100%, 73%
CMY	0.3372, 0.0000, 0.2667
CMYK	0.34, 0.00, 0.27, 0.00
HSL	133°, 100%, 83%
HSV	133°, 34%, 100%
XYZ	61.0918, 83.5429, 59.9192
YIQ	221.5340, -29.4280, -39.3800

Conversions

Conversions Part 2

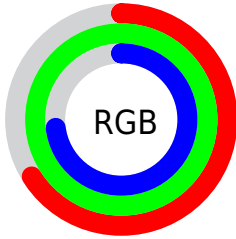
Format	Color
RYB	169, 240, 255
Decimal	11141051
CIELab	93.25, -39.41, 24.47
CIELCh	93, 46.387, 148.162
Yxy	83.5429, 0.2987, 0.4084
Android (android.graphics.Color)	4289331131 (0xFFA9FFBB)
YUV	221.5340, -17.0253, -46.0723
Hunter-Lab	91.4018, -40.6460, 25.1132

Details

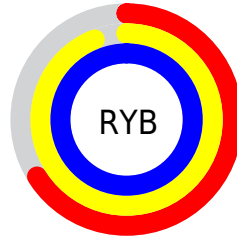
The XYZ color **61.0918, 83.5429, 59.9192** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.7141, 55.7508, 87.1540**, and the grayscale version is **69.2332, 72.8388, 79.3214**.

A 20% lighter version of the original color is **83.3017, 94.1598, 98.5782**, and **31.3672, 45.6590, 29.3502** is the 20% darker color. If you saturate the color by 10%, you get **54.1349, 80.1886, 49.1064**, and if you desaturate by 10%, it is **69.4197, 87.5688, 72.3808**.

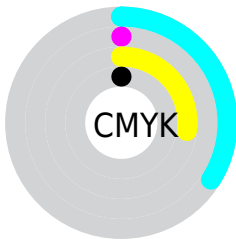
Distribution



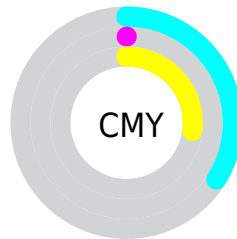
- Red (66%)
- Green (100%)
- Blue (73%)



- Red (66%)
- Yellow (94%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0918, 83.5429, 59.9192 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 61.0918, 83.5429, 59.9192 by changing the saturation by 10% instead.

61.0918, 83.5429,
59.9192

61.0918, 83.5429,
59.9192

418.3811,
506.7941, 442.0963

44.5521, 62.6381,
42.9286

105.5092,
138.3356, 106.2547

31.3045, 45.5485,
29.4981

134.1176,
172.9923, 136.4367

20.9838, 31.8897,
19.2092

167.4796,
213.0017, 171.8529

13.2246, 21.2773,
11.6432

205.9606,
258.7483, 212.9219

7.6614, 13.3268,
6.3816

249.9258,
310.6164, 260.0622

3.9291, 7.6540,
3.0060

299.7408,

1.6621, 3.8743,

368.9905, 313.6923

1.0977

355.7707,
434.2549, 374.2308

■ 0.4324, 1.6035,
0.0000

■ 0.0000, 0.3600,
0.0000

■ 61.0918, 83.5429,
59.9192

■ 61.0918, 83.5429,
59.9192

■ 54.1349, 80.1886,
49.1064

■ 69.4197, 87.5688,
72.3808

■ 48.4726, 77.4681,
39.8693

■ 79.1859, 92.3000,
86.5521

■ 44.0231, 75.3409,
32.1353

■ 90.4555, 97.7684,
102.4960

■ 40.6947, 73.7613,
25.8245

95.0500, 100.0000,
108.9000

■ 38.3820, 72.6767,
20.8494

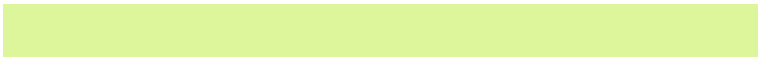
■ 36.9579, 72.0238,
17.1127

■ 36.4113, 71.7805,
15.3496

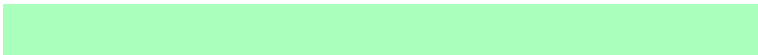
Harmonies

Analogous

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



68.8370, 83.5429, 43.6489



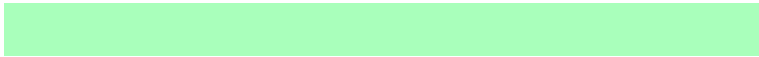
61.0918, 83.5429, 59.9192



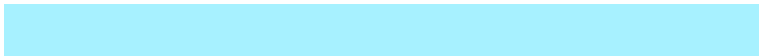
58.1850, 83.5429, 88.8259

Triad

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



61.0918, 83.5429, 59.9192



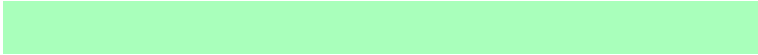
78.6549, 83.5429, 176.0217



101.9410, 83.5429, 62.7898

Complementary

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



61.0918, 83.5429, 59.9192



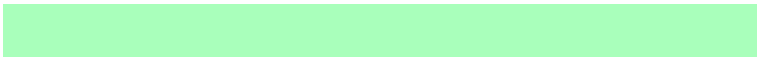
70.7141, 55.7508, 87.1540

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.



105.2432, 83.5429, 93.1362



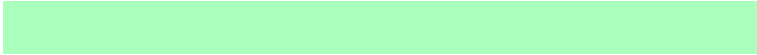
61.0918, 83.5429, 59.9192



91.0029, 83.5429, 164.0053

Square

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



61.0918, 83.5429, 59.9192



67.6587, 83.5429, 160.8335



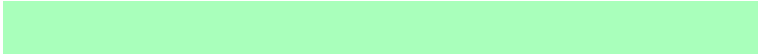
101.0547, 83.5429, 131.2195



92.4377, 83.5429, 44.9832

Rectangle

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



61.0918, 83.5429, 59.9192



59.1305, 83.5429, 113.5610



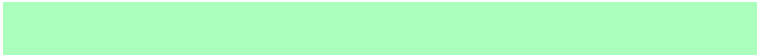
101.0547, 83.5429, 131.2195



103.8533, 83.5429, 71.5830

Sweetspot

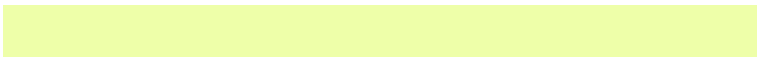
The Sweet Spot groups the original color and five complimentary colors.



61.0924, 83.5431, 59.9205



83.2048, 94.2492, 92.2808



78.1144, 92.5272, 51.2793



17.4794, 20.0132, 19.2830



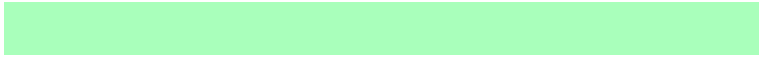
0.0000, 0.0000, 0.0000



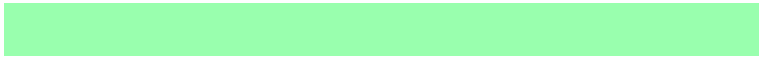
20.3446, 21.4041, 23.3091

Same Dimension

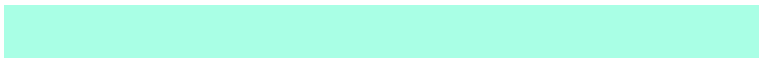
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0924, 83.5431, 59.9205



56.5711, 81.3620, 52.9465



66.2933, 85.6235, 87.3085



17.9271, 20.2304, 19.9190



19.0689, 37.5242, 8.2482



1.8942, 3.6686, 1.0008

Inverse Universe

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



70.7141, 55.7508, 87.1540



67.4322, 49.9629, 83.6681



65.2560, 53.5676, 58.4120



18.6202, 18.2314, 21.8832



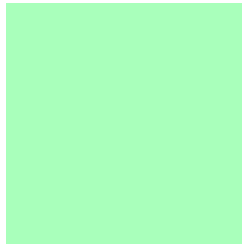
27.1524, 13.3503, 30.5169



2.6827, 1.3154, 3.1763

Previews

White Background



This preview shows how the XYZ color 61.0918, 83.5429, 59.9192 looks on a white background.

Color Contrast Check

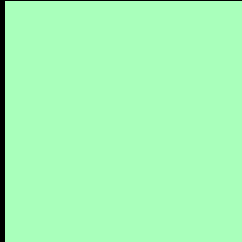
Large Text (above 18pt) WCAG AA × Fail

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 61.0918, 83.5429, 59.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

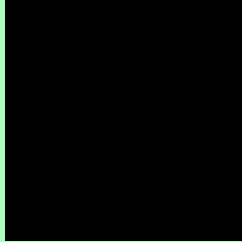
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

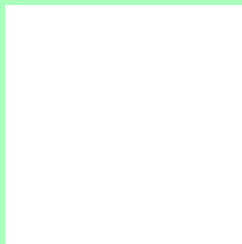
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0918, 83.5429, 59.9192

Background



This preview shows how black text looks on a background with the XYZ color 61.0918, 83.5429, 59.9192.



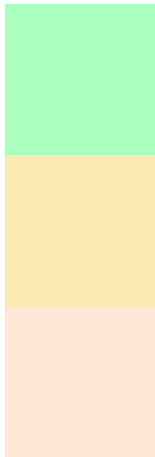
This preview shows how white text looks on a background with the XYZ color 61.0918, 83.5429,

59.9192.

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

61.0918, 83.5429, 59.9192

Protanopia

77.1423, 82.5292, 53.4589

Deuteranopia

81.6744, 82.7087, 75.2780



Tritanopia

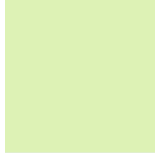
74.4307, 83.4208, 106.7866

Trichromacy



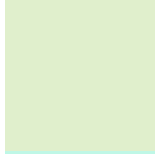
Original Color

61.0918, 83.5429, 59.9192



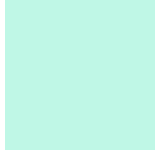
Protanomaly

69.9114, 82.2126, 55.9000



Deuteranomaly

72.5061, 81.9399, 69.1213



Tritanomaly

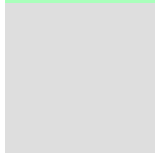
69.0295, 83.3111, 87.3053

Monochromacy



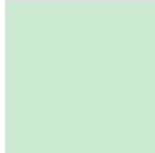
Original Color

61.0918, 83.5429, 59.9192



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.5600, 76.1456, 71.5638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0918, 83.5429, 59.9192 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 61.0918, 83.5429, 59.9192 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, 187) }
```


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

```
.border{ border-color:rgb(169, 255, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0918, 83.5429, 59.9192 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, 187) }
```

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

```
.background{ background-color: rgb(169,  
255, 187) }
```

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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