

Converting Colors

XYZ(59.6231, 82.7538, 61.2911)

Have a look what the booklet for
XYZ(59.6231, 82.7538, 61.2911)
contains.

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Color

**XYZ(59.7522, 82.8148,
61.5508)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FFBE
RGB	161, 255, 190
RGB Percent	63%, 100%, 75%
CMY	0.3686, 0.0000, 0.2549
CMYK	0.37, 0.00, 0.25, 0.00
HSL	139°, 100%, 82%
HSV	139°, 37%, 100%
XYZ	59.7522, 82.8148, 61.5508
YIQ	219.4840, -35.1590, -40.1430

Conversions

Conversions Part 2

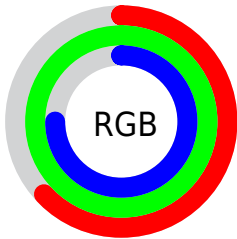
Format	Color
RYB	161, 233, 255
Decimal	10616766
CIELab	92.93, -41.21, 22.45
CIELCh	93, 46.930, 151.425
Yxy	82.8148, 0.2927, 0.4057
Android (android.graphics.Color)	4288806846 (0xFFA1FFBE)
YUV	219.4840, -14.5356, -51.2905
Hunter-Lab	91.0026, -42.0518, 23.6003

Details

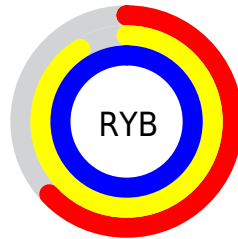
The XYZ color **59.7522, 82.8148, 61.5508** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.7125, 52.2413, 78.4658**, and the grayscale version is **67.7833, 71.3133, 77.6602**.

A 20% lighter version of the original color is **81.4619, 93.1408, 101.6802**, and **30.4637, 45.1690, 30.4054** is the 20% darker color. If you saturate the color by 10%, you get **53.3145, 79.7054, 51.7908**, and if you desaturate by 10%, it is **67.4721, 86.5582, 72.5906**.

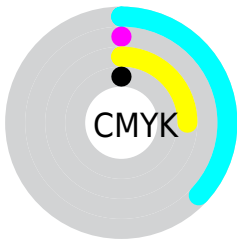
Distribution



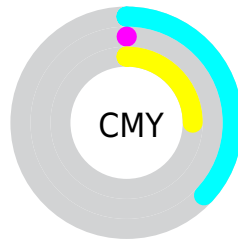
- Red (63%)
- Green (100%)
- Blue (75%)



- Red (63%)
- Yellow (91%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7522, 82.8148, 61.5508 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 59.7522, 82.8148, 61.5508 by changing the saturation by 10% instead.


 59.7522, 82.8148,
61.5508


 59.7522, 82.8148,
61.5508


413.5332,
504.3691, 448.2530

 43.4676, 62.0374,
44.2364


 103.5785,
137.3160, 108.6413

 30.4483, 45.0629,
30.5178


 131.8510,
171.8087, 139.2545

 20.3289, 31.5070,
19.9766


164.8501,
211.6418, 175.1378

 12.7440, 20.9852,
12.1941

202.9412,
257.1998, 216.7095

 7.3283, 13.1132,
6.7519

246.4898,
308.8672, 264.3884

 3.7164, 7.5065,
3.2313


295.8610,


 1.5430, 3.7809,


367.0283, 318.5929


1.2139


351.4204,
432.0674, 379.7416

 0.3548, 1.5517,
0.0000


 0.0000, 0.3247,
0.0000


 59.7522, 82.8148,
61.5508


 59.7522, 82.8148,
61.5508


 53.3145, 79.7054,
51.7908


 67.4721, 86.5582,
72.5906

 48.0849, 77.1928,
43.2600

 76.5390, 90.9682,
84.9503

 43.9841, 75.2372,
35.9102

 87.0154, 96.0760,
98.6734

 40.9219, 73.7931,
29.6883

95.0500, 100.0000,
108.9000

■ 38.7937, 72.8078,
24.5372

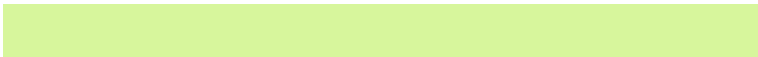
■ 37.4685, 72.2150,
20.3940

■ 37.1594, 72.0798,
19.2892

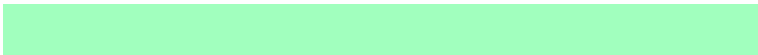
Harmonies

Analogous

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



67.0376, 82.8148, 43.9164



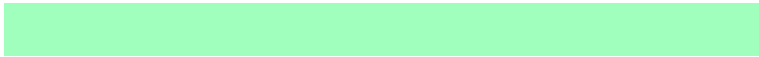
59.7522, 82.8148, 61.5508



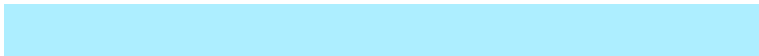
57.3976, 82.8148, 91.8627

Triad

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



59.7522, 82.8148, 61.5508



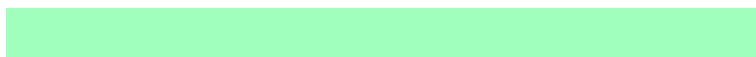
79.3014, 82.8148, 176.0285



100.6194, 82.8148, 59.3210

Complementary

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



59.7522, 82.8148, 61.5508



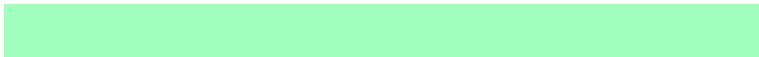
67.7125, 52.2413, 78.4658

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.



104.7434, 82.8148, 88.5006



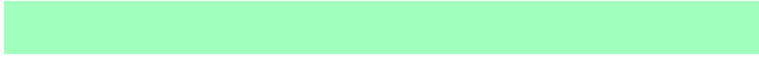
59.7522, 82.8148, 61.5508



91.6709, 82.8148, 161.0228

Square

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



59.7522, 82.8148, 61.5508



67.9552, 82.8148, 163.5097



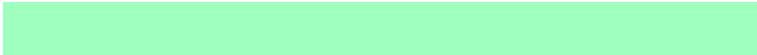
101.3123, 82.8148, 126.5196



90.5501, 82.8148, 42.8841

Rectangle

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



59.7522, 82.8148, 61.5508



58.7230, 82.8148, 117.1843



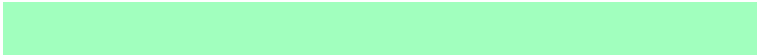
101.3123, 82.8148, 126.5196



102.7913, 82.8148, 67.6655

Sweetspot

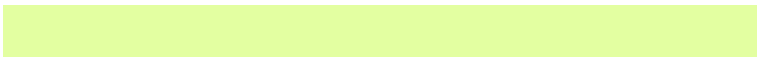
The Sweet Spot groups the original color and five complimentary colors.



59.7528, 82.8150, 61.5521



82.5056, 93.8759, 92.8270



73.8088, 90.3917, 47.2762



17.3549, 19.9447, 19.4698



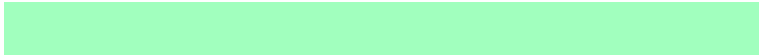
0.0000, 0.0000, 0.0000



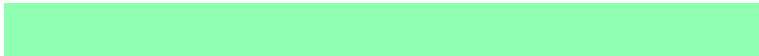
20.3446, 21.4041, 23.3091

Same Dimension

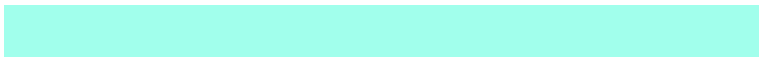
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7528, 82.8150, 61.5521



55.0305, 80.5328, 54.4568



65.6277, 85.1650, 92.4891



18.0023, 20.2605, 20.3152



19.4749, 37.6866, 10.3862



1.9427, 3.6880, 1.2559

Inverse Universe

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



67.7125, 52.2413, 78.4658



64.0016, 46.0326, 73.4888



62.2032, 50.0375, 49.4537



18.5400, 18.1993, 21.4610



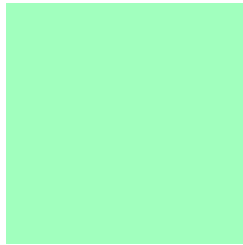
25.7304, 12.7815, 23.0287



2.5543, 1.2641, 2.5003

Previews

White Background



This preview shows how the XYZ color 59.7522, 82.8148, 61.5508 looks on a white background.

Color Contrast Check

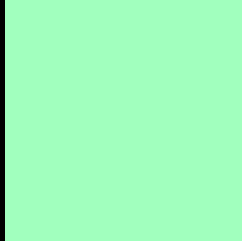
Large Text (above 18pt) WCAG AA × Fail

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 59.7522, 82.8148, 61.5508 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 59.7522, 82.8148, 61.5508

Background



This preview shows how black text looks on a background with the XYZ color 59.7522, 82.8148, 61.5508.

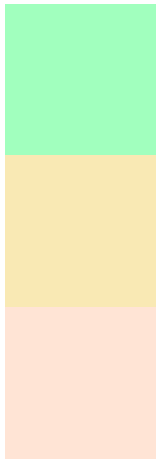


This preview shows how white text looks on a background with the XYZ color 59.7522, 82.8148,

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

59.7522, 82.8148, 61.5508

Protanopia

76.4441, 81.7129, 54.9231

Deuteranopia

80.9936, 81.5509, 74.4229



Tritanopia

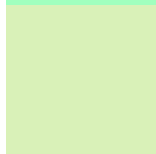
72.7940, 82.1364, 106.6250

Trichromacy



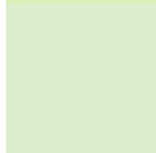
Original Color

59.7522, 82.8148, 61.5508



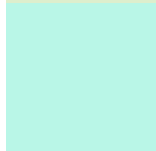
Protanomaly

68.7223, 81.1230, 57.3837



Deuteranomaly

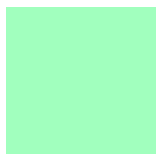
71.4128, 80.9290, 69.6146



Tritanomaly

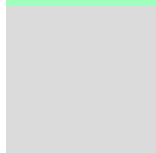
67.3872, 81.9953, 87.8763

Monochromacy



Original Color

59.7522, 82.8148, 61.5508



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.5305, 74.2731, 70.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7522, 82.8148, 61.5508 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(161, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 59.7522, 82.8148, 61.5508 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(161, 255, 190) }
```


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

```
.border{ border-color:rgb(161, 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(161, 255, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7522, 82.8148, 61.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 190) }
```

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

```
.background{ background-color: rgb(161,  
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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