

Converting Colors

XYZ(59.8635, 82.7300, 61.4572)

Have a look what the booklet for
XYZ(59.8635, 82.7300, 61.4572)
contains.

XYZ(59.9546, 82.9191, 61.5602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.9546, 82.9191,
61.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	A2FFBE
RGB	162, 255, 190
RGB Percent	64%, 100%, 75%
CMY	0.3647, 0.0000, 0.2549
CMYK	0.36, 0.00, 0.25, 0.00
HSL	138°, 100%, 82%
HSV	138°, 36%, 100%
XYZ	59.9546, 82.9191, 61.5602
YIQ	219.7830, -34.5630, -39.9310

Conversions

Conversions Part 2

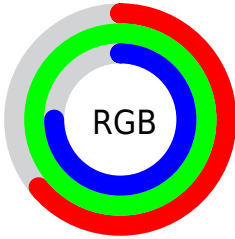
Format	Color
RYB	162, 233, 255
Decimal	10682302
CIELab	92.98, -40.93, 22.52
CIELCh	93, 46.713, 151.181
Yxy	82.9191, 0.2933, 0.4056
Android (android.graphics.Color)	4288872382 (0xFFA2FFBE)
YUV	219.7830, -14.6830, -50.6757
Hunter-Lab	91.0599, -41.8290, 23.6595

Details

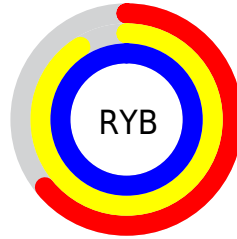
The XYZ color **59.9546, 82.9191, 61.5602** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.0258, 52.6475, 79.2496**, and the grayscale version is **67.9924, 71.5333, 77.8998**.

A 20% lighter version of the original color is **81.7619, 93.2955, 101.6942**, and **30.5819, 45.2299, 30.4110** is the 20% darker color. If you saturate the color by 10%, you get **53.4588, 79.7819, 51.7022**, and if you desaturate by 10%, it is **67.7402, 86.6937, 72.7247**.

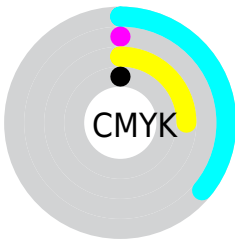
Distribution



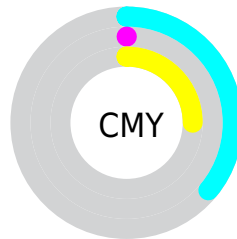
- Red (64%)
- Green (100%)
- Blue (75%)



- Red (64%)
- Yellow (91%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9546, 82.9191, 61.5602 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 59.9546, 82.9191, 61.5602 by changing the saturation by 10% instead.


 59.9546, 82.9191,
61.5602


 59.9546, 82.9191,
61.5602

414.2678,
504.7169, 448.2883

 43.6314, 62.1234,
44.2439

 103.8705,
137.4621, 108.6551

 30.5775, 45.1324,
30.5237


 132.1939,
171.9783, 139.2707

 20.4276, 31.5617,
19.9810


165.2481,
211.8367, 175.1566

 12.8163, 21.0270,
12.1973

203.3984,
257.4218, 216.7313

 7.3783, 13.1437,
6.7540

247.0101,
309.1180, 264.4133

 3.7482, 7.5276,
3.2327

296.4487,

 1.5607, 3.7942,

367.3096, 318.6211

1.2146

352.0795,
432.3811, 379.7732

0.3666, 1.5591,
0.0000

0.0000, 0.3298,
0.0000

59.9546, 82.9191,
61.5602

59.9546, 82.9191,
61.5602

53.4588, 79.7819,
51.7022

67.7402, 86.6937,
72.7247

48.1784, 77.2447,
43.0986

76.8802, 91.1381,
85.2372

44.0341, 75.2677,
35.6997

87.4374, 96.2836,
99.1423

40.9361, 73.8057,
29.4508

95.0500, 100.0000,
108.9000

■ 38.7800, 72.8061,
24.2928

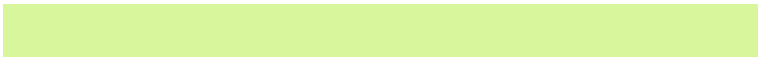
■ 37.4366, 72.2037,
20.1610

■ 37.0917, 72.0527,
18.9324

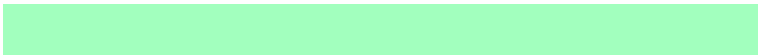
Harmonies

Analogous

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



67.2547, 82.9191, 44.0600



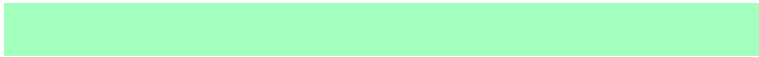
59.9546, 82.9191, 61.5602



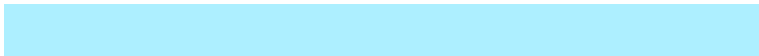
57.5646, 82.9191, 91.6803

Triad

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



59.9546, 82.9191, 61.5602



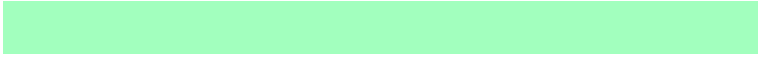
79.2979, 82.9191, 175.7278



100.6875, 82.9191, 59.7160

Complementary

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



59.9546, 82.9191, 61.5602



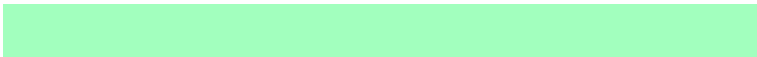
68.0258, 52.6475, 79.2496

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.



104.7340, 82.9191, 88.9035



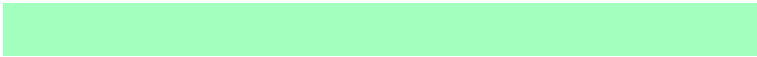
59.9546, 82.9191, 61.5602



91.6231, 82.9191, 161.0159

Square

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



59.9546, 82.9191, 61.5602



68.0129, 82.9191, 163.0663



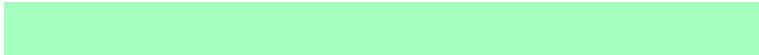
101.2594, 82.9191, 126.7892



90.6979, 82.9191, 43.2050

Rectangle

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



59.9546, 82.9191, 61.5602



58.8584, 82.9191, 116.8663



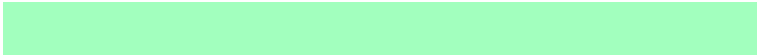
101.2594, 82.9191, 126.7892



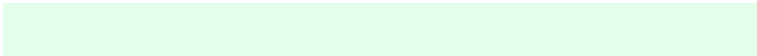
102.8316, 82.9191, 68.0745

Sweetspot

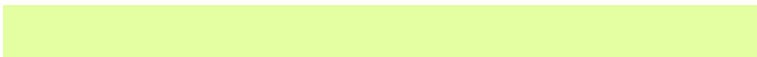
The Sweet Spot groups the original color and five complimentary colors.



59.9552, 82.9194, 61.5615



82.4754, 93.8638, 92.6677



73.9921, 90.4760, 47.7472



17.3477, 19.9419, 19.4321



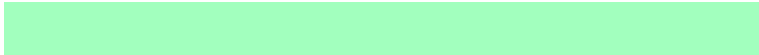
0.0000, 0.0000, 0.0000



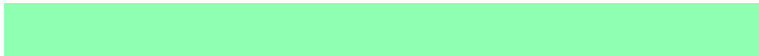
20.3446, 21.4041, 23.3091

Same Dimension

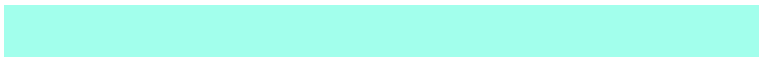
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9552, 82.9194, 61.5615



54.9472, 80.4995, 54.0185



65.8593, 85.2810, 92.6520



17.9966, 20.2582, 20.2853



19.4385, 37.6720, 10.1944



1.9385, 3.6863, 1.2342

Inverse Universe

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



68.0258, 52.6475, 79.2496



64.1127, 46.0770, 74.0740



62.4604, 50.4213, 49.9423



18.5460, 18.2017, 21.4924



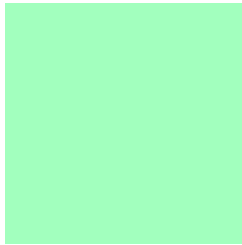
25.8287, 12.8208, 23.5463



2.5633, 1.2677, 2.5476

Previews

White Background



This preview shows how the XYZ color 59.9546, 82.9191, 61.5602 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 59.9546, 82.9191, 61.5602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

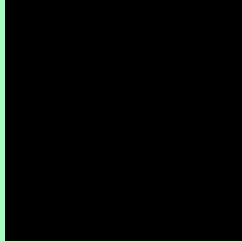
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9546, 82.9191, 61.5602

Background



This preview shows how black text looks on a background with the XYZ color 59.9546, 82.9191, 61.5602.



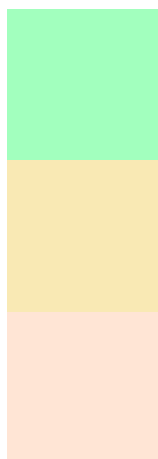
This preview shows how white text looks on a background with the XYZ color 59.9546, 82.9191,

61.5602.

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

59.9546, 82.9191, 61.5602

Protanopia

76.4441, 81.7129, 54.9231

Deuteranopia

81.2696, 82.1027, 74.5148



Tritanopia

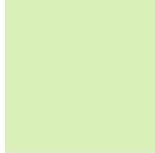
72.7940, 82.1364, 106.6250

Trichromacy



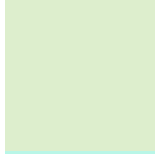
Original Color

59.9546, 82.9191, 61.5602



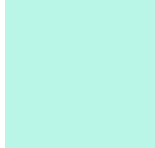
Protanomaly

68.7223, 81.1230, 57.3837



Deuteranomaly

71.4128, 80.9290, 69.6146



Tritanomaly

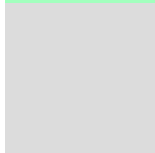
67.3872, 81.9953, 87.8763

Monochromacy



Original Color

59.9546, 82.9191, 61.5602



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.2007, 75.0234, 71.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9546, 82.9191, 61.5602 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(162, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 59.9546, 82.9191, 61.5602 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(162, 255, 190) }
```


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

```
.border{ border-color:rgb(162, 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(162, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9546, 82.9191, 61.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 190) }
```

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

```
.background{ background-color: rgb(162,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor