

Converting Colors

XYZ(61.1079, 83.7397, 51.4009)

Have a look what the booklet for
XYZ(61.1079, 83.7397, 51.4009)
contains.

XYZ(61.0152, 83.6904, 51.4661)	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(61.0152, 83.6904,
51.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FFAB
RGB	176, 255, 171
RGB Percent	69%, 100%, 67%
CMY	0.3098, 0.0000, 0.3294
CMYK	0.31, 0.00, 0.33, 0.00
HSL	116°, 100%, 84%
HSV	116°, 33%, 100%
XYZ	61.0152, 83.6904, 51.4661
YIQ	221.8030, -20.1200, -42.8720

Conversions

Conversions Part 2

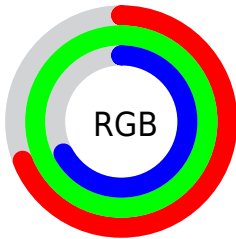
Format	Color
RYB	171, 255, 250
Decimal	11599787
CIELab	93.32, -39.87, 32.68
CIELCh	93, 51.550, 140.655
Yxy	83.6904, 0.3110, 0.4266
Android (android.graphics.Color)	4289789867 (0xFFB0FFAB)
YUV	221.8030, -25.0459, -40.1692
Hunter-Lab	91.4825, -41.0418, 30.6824

Details

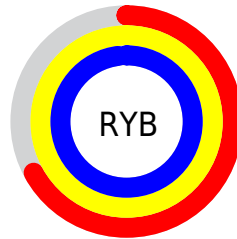
The XYZ color **61.0152, 83.6904, 51.4661** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72.0383, 56.6710, 101.7495**, and the grayscale version is **69.4731, 73.0911, 79.5962**.

A 20% lighter version of the original color is **83.2294, 94.3897, 86.5054**, and **31.3493, 45.7611, 24.3200** is the 20% darker color. If you saturate the color by 10%, you get **53.8621, 80.2571, 39.6440**, and if you desaturate by 10%, it is **69.5962, 87.8056, 65.8050**.

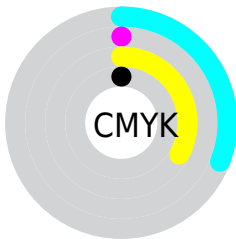
Distribution



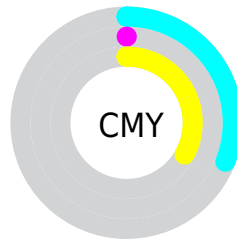
- Red (69%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0152, 83.6904, 51.4661 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 61.0152, 83.6904, 51.4661 by changing the saturation by 10% instead.

61.0152, 83.6904,
51.4661

61.0152, 83.6904,
51.4661

418.1048,
507.2846, 409.2701

44.4900, 62.7599,
36.2004

105.3989,
138.5420, 93.7619

31.2555, 45.6470,
24.2981

133.9882,
173.2319, 121.6291

20.9463, 31.9673,
15.3406

167.3295,
213.2769, 154.5339

13.1970, 21.3365,
8.9095

205.7883,
259.0616, 192.8947

7.6422, 13.3702,
4.5862

249.7299,
310.9704, 237.1302

3.9168, 7.6840,
1.9521

299.5195,

1.6552, 3.8934,

369.3875, 287.6590

0.5256

355.5227,
434.6974, 344.8994

0.4279, 1.6141,
0.0000

0.0000, 0.3671,
0.0000

61.0152, 83.6904,
51.4661

61.0152, 83.6904,
51.4661

53.8621, 80.2571,
39.6440

69.5962, 87.8056,
65.8050

48.0578, 77.4681,
30.1900

79.6751, 92.6360,
82.7902

43.5181, 75.2835,
22.9458

91.3194, 98.2136,
102.5469

40.1485, 73.6583,
17.7321

95.0500, 100.0000,
108.9000

■ 37.8412, 72.5414,
14.3416

■ 36.4682, 71.8725,
12.5231

■ 35.9599, 71.6230,
11.9294

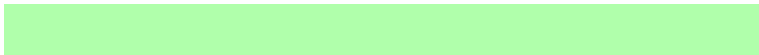
Harmonies

Analogous

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



70.6869, 83.6904, 37.5390



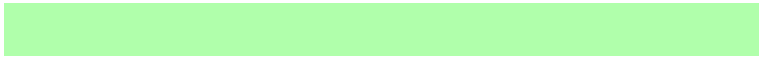
61.0152, 83.6904, 51.4661



56.4651, 83.6904, 79.5149

Triad

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



61.0152, 83.6904, 51.4661



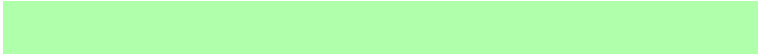
75.3808, 83.6904, 186.6043



106.5607, 83.6904, 67.2129

Complementary

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



61.0152, 83.6904, 51.4661



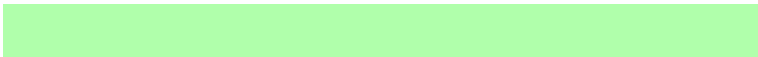
72.0383, 56.6710, 101.7495

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.



108.1872, 83.6904, 103.8127



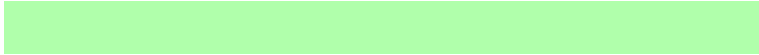
61.0152, 83.6904, 51.4661



89.1144, 83.6904, 180.5214

Square

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



61.0152, 83.6904, 51.4661



64.1149, 83.6904, 162.0401



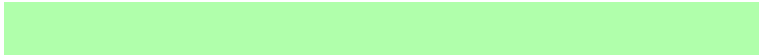
101.4916, 83.6904, 147.2226



97.2716, 83.6904, 44.6699

Rectangle

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



61.0152, 83.6904, 51.4661



56.5476, 83.6904, 105.6602



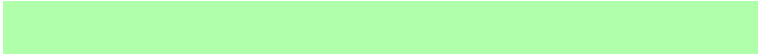
101.4916, 83.6904, 147.2226



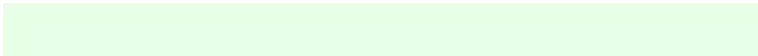
108.0600, 83.6904, 77.9873

Sweetspot

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



61.0157, 83.6906, 51.4674



82.9334, 94.1969, 88.3061



82.5904, 92.1994, 51.9726



17.4142, 20.0006, 18.3304



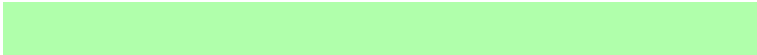
0.0000, 0.0000, 0.0000



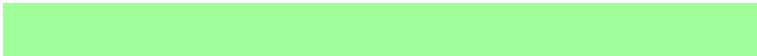
20.3446, 21.4041, 23.3091

Same Dimension

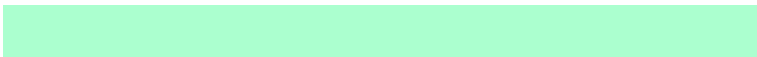
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0157, 83.6906, 51.4674



55.8217, 81.1980, 42.8677



63.8668, 84.7029, 72.2723



17.8716, 20.2197, 19.1052



18.8285, 37.4445, 6.2352



1.8668, 3.6631, 0.6087

Inverse Universe

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



72.0383, 56.6710, 101.7495



68.4833, 50.1294, 100.6742



68.5371, 55.4803, 73.8393



18.6796, 18.2421, 22.7865



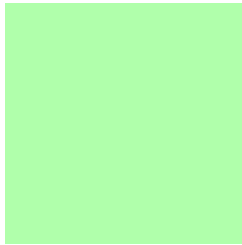
28.2234, 13.4602, 50.5451



2.7792, 1.3266, 4.9229

Previews

White Background



This preview shows how the XYZ color 61.0152, 83.6904, 51.4661 looks on a white background.

Color Contrast Check

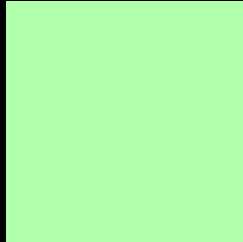
Large Text (above 18pt) WCAG AA × Fail

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 61.0152, 83.6904, 51.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

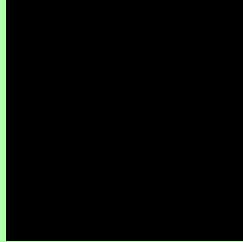
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0152, 83.6904, 51.4661

Background



This preview shows how black text looks on a background with the XYZ color 61.0152, 83.6904, 51.4661.



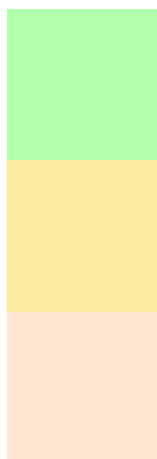
This preview shows how white text looks on a background with the XYZ color 61.0152, 83.6904,

51.4661.

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

61.0152, 83.6904, 51.4661

Protanopia

77.1030, 83.0961, 46.1578

Deuteranopia

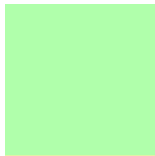
81.2947, 82.5568, 73.2784



Tritanopia

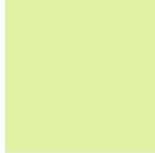
74.9589, 83.2524, 106.7263

Trichromacy



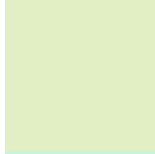
Original Color

61.0152, 83.6904, 51.4661



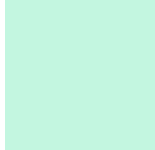
Protanomaly

69.9077, 82.3896, 47.8156



Deuteranomaly

72.1943, 81.8873, 64.2253



Tritanomaly

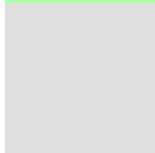
68.9160, 82.8955, 82.8892

Monochromacy



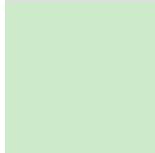
Original Color

61.0152, 83.6904, 51.4661



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.3791, 76.1366, 67.7499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0152, 83.6904, 51.4661 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(176, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 171)  
}
```

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(176, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 171) }
```

Border

The CSS property to change the border of an element to XYZ 61.0152, 83.6904, 51.4661 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(176, 255, 171) }
```


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

```
.border{ border-color:rgb(176, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0152, 83.6904, 51.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 171) }
```

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

```
.background{ background-color: rgb(176,  
255, 171) }
```

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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