

Converting Colors

XYZ(59.9266, 80.7359, 53.4994)

Have a look what the booklet for
XYZ(59.9266, 80.7359, 53.4994)
contains.

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Color

**XYZ(59.9266, 80.7359,
53.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FAB0
RGB	176, 250, 176
RGB Percent	69%, 98%, 69%
CMY	0.3098, 0.0196, 0.3098
CMYK	0.30, 0.00, 0.30, 0.02
HSL	120°, 88%, 84%
HSV	120°, 30%, 98%
XYZ	59.9266, 80.7359, 53.4994
YIQ	219.4380, -20.3500, -38.7020

Conversions

Conversions Part 2

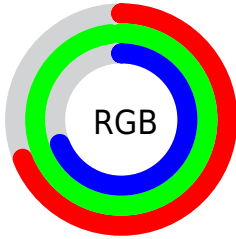
Format	Color
RYB	176, 250, 250
Decimal	11598512
CIELab	92.01, -36.83, 28.41
CIElCh	92, 46.519, 142.356
Yxy	80.7359, 0.3086, 0.4158
Android (android.graphics.Color)	4289788592 (0xFFB0FAB0)
YUV	219.4380, -21.4149, -38.0951
Hunter-Lab	89.8532, -38.1944, 27.5954

Details

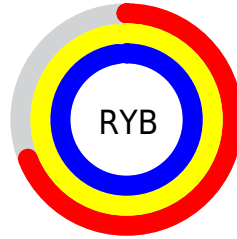
The XYZ color **59.9266, 80.7359, 53.4994** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72.2077, 58.2785, 97.8890**, and the grayscale version is **67.7923, 71.3227, 77.6705**.

A 20% lighter version of the original color is **83.9298, 94.6698, 90.1935**, and **30.5303, 43.6349, 25.5522** is the 20% darker color. If you saturate the color by 10%, you get **52.5359, 77.1882, 41.4090**, and if you desaturate by 10%, it is **68.8180, 85.0093, 68.0412**.

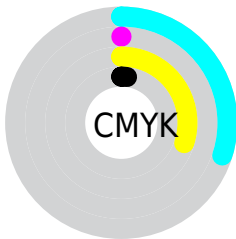
Distribution



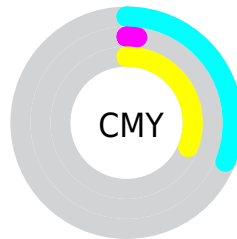
- Red (69%)
- Green (98%)
- Blue (69%)



- Red (69%)
- Yellow (98%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)



- Cyan (31%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9266, 80.7359, 53.4994 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 59.9266, 80.7359, 53.4994 by changing the saturation by 10% instead.


 59.9266, 80.7359,
53.4994

 59.9266, 80.7359,
53.4994


414.1662,
497.4094, 417.3187

 43.6087, 60.3241,
37.8111


 103.8301,
134.3999, 96.7878

 30.5596, 43.6799,
25.5354


132.1465,
168.4209, 125.2250

 20.4139, 30.4190,
16.2538


165.1930,
207.7470, 158.7490

 12.8063, 20.1568,
9.5476

203.3352,
252.7628, 197.7782

 7.3714, 12.5091,
4.9984

246.9382,
303.8525, 242.7313

 3.7438, 7.0914,
2.1876


296.3675,


 1.5582, 3.5193,


361.4006, 294.0267

0.6672


351.9884,
425.7914, 352.0830


 0.3650, 1.4085,
0.0000


 0.0000, 0.2230,
0.0000


 59.9266, 80.7359,
53.4994


 59.9266, 80.7359,
53.4994


 52.5359, 77.1882,
41.4090


 68.8180, 85.0093,
68.0412


 46.5574, 74.3164,
31.6300

 79.2798, 90.0346,
85.1534

 41.9030, 72.0807,
24.0168

 91.3849, 95.8493,
104.9534

 38.4722, 70.4327,
18.4050

 93.4772, 96.8544,
108.3757

■ 36.1499, 69.3172,
14.6064

■ 34.7996, 68.6685,
12.3976

■ 34.2052, 68.3830,
11.4252

■ 34.1872, 68.3744,
11.3958

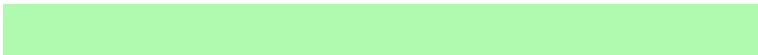
Harmonies

Analogous

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



68.3164, 80.7359, 39.9737



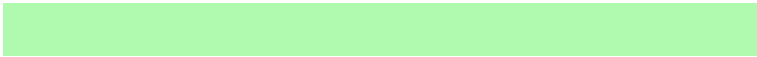
59.9266, 80.7359, 53.4994



56.1225, 80.7359, 79.4326

Triad

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



59.9266, 80.7359, 53.4994



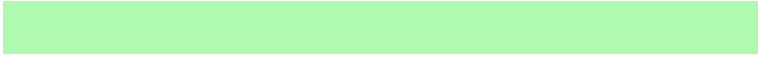
73.7177, 80.7359, 170.6966



100.0366, 80.7359, 65.1566

Complementary

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



59.9266, 80.7359, 53.4994



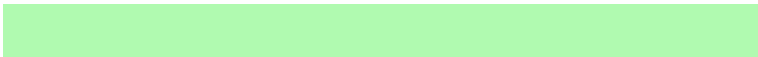
72.2077, 58.2785, 97.8890

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.



101.8668, 80.7359, 96.9651



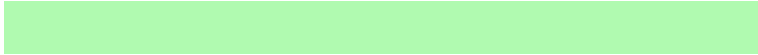
59.9266, 80.7359, 53.4994



85.8227, 80.7359, 163.9913

Square

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



59.9266, 80.7359, 53.4994



63.5282, 80.7359, 151.0669



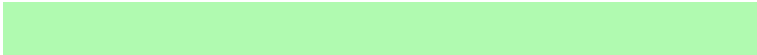
96.4295, 80.7359, 134.5925



91.6605, 80.7359, 45.3827

Rectangle

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



59.9266, 80.7359, 53.4994



56.3895, 80.7359, 102.7707



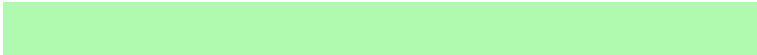
96.4295, 80.7359, 134.5925



101.4708, 80.7359, 74.5515

Sweetspot

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



59.9287, 80.7393, 53.5012



83.6276, 94.5132, 90.2166



81.4500, 91.8339, 54.5079



17.5329, 20.0535, 18.7100



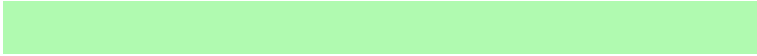
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.9287, 80.7393, 53.5012



57.5342, 81.9792, 47.5361



64.1026, 82.4089, 75.4809



17.0175, 19.3093, 18.2926



18.1331, 36.2663, 6.0444



1.6794, 3.3589, 0.5598

Inverse Universe

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



72.2077, 58.2785, 97.8890



72.4225, 54.7454, 101.3565



66.9624, 56.1804, 70.2675



17.9931, 17.5246, 21.8195



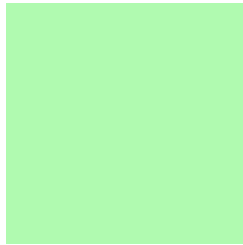
30.0644, 14.4415, 49.1750



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 59.9266, 80.7359, 53.4994 looks on a white background.

Color Contrast Check

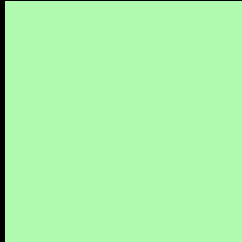
Large Text (above 18pt) WCAG AA × Fail

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 59.9266, 80.7359, 53.4994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

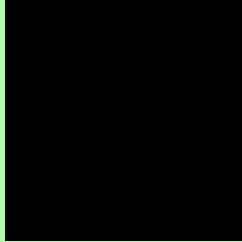
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9266, 80.7359, 53.4994

Background



This preview shows how black text looks on a background with the XYZ color 59.9266, 80.7359, 53.4994.



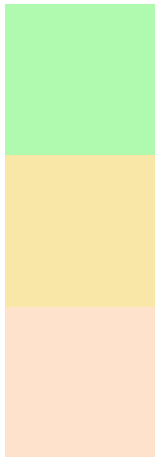
This preview shows how white text looks on a background with the XYZ color 59.9266, 80.7359,

53.4994.

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

59.9266, 80.7359, 53.4994

Protanopia

74.7107, 80.1187, 48.5726

Deuteranopia

79.3354, 80.0123, 68.3892



Tritanopia

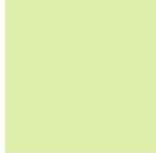
71.6505, 80.2394, 106.3191

Trichromacy



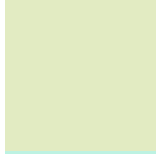
Original Color

59.9266, 80.7359, 53.4994



Protanomaly

68.0494, 79.6189, 50.3095



Deuteranomaly

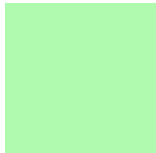
70.8100, 79.4805, 62.6481



Tritanomaly

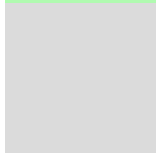
66.4659, 79.8141, 83.8540

Monochromacy



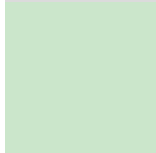
Original Color

59.9266, 80.7359, 53.4994



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.7049, 73.6019, 67.3489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9266, 80.7359, 53.4994 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, 250, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 250, 176)  
}
```

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, 250, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 250, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.9266, 80.7359, 53.4994 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, 250, 176) }
```


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

```
.border{ border-color:rgb(176, 250, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 250, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 250, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 250, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 250,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9266, 80.7359, 53.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 250, 176) }
```

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

```
.background{ background-color: rgb(176,  
250, 176) }
```

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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