

Converting Colors

XYZ(59.8650, 82.8004, 43.3987)

Have a look what the booklet for
XYZ(59.8650, 82.8004, 43.3987)
contains.

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Color

**XYZ(59.8650, 82.8004,
43.3987)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FE9A
RGB	179, 254, 154
RGB Percent	70%, 100%, 60%
CMY	0.2980, 0.0039, 0.3961
CMYK	0.30, 0.00, 0.39, 0.00
HSL	105°, 98%, 80%
HSV	105°, 39%, 100%
XYZ	59.8650, 82.8004, 43.3987
YIQ	220.1750, -12.6000, -47.0000

Conversions

Conversions Part 2

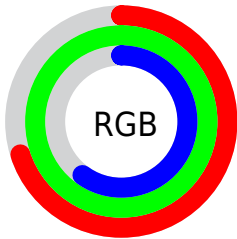
Format	Color
RYB	154, 254, 229
Decimal	11796122
CIELab	92.93, -40.92, 40.62
CIELCh	93, 57.654, 135.210
Yxy	82.8004, 0.3217, 0.4450
Android (android.graphics.Color)	4289986202 (0xFFB3FE9A)
YUV	220.1750, -32.6243, -36.1105
Hunter-Lab	90.9947, -41.8065, 35.4187

Details

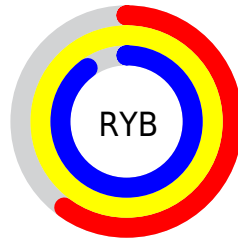
The XYZ color **59.8650, 82.8004, 43.3987** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61.7616, 46.9274, 99.5730**, and the grayscale version is **68.3786, 71.9396, 78.3422**.

A 20% lighter version of the original color is **82.1937, 94.1280, 74.1580**, and **30.4836, 45.0830, 19.4072** is the 20% darker color. If you saturate the color by 10%, you get **53.8667, 79.9298, 33.2195**, and if you desaturate by 10%, it is **66.9234, 86.1708, 55.9674**.

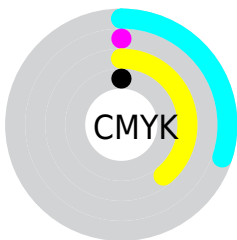
Distribution



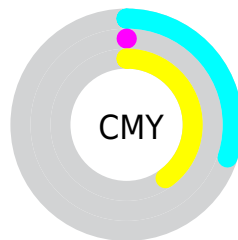
- Red (70%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (90%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8650, 82.8004, 43.3987 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 59.8650, 82.8004, 43.3987 by changing the saturation by 10% instead.


 59.8650, 82.8004,
43.3987


 59.8650, 82.8004,
43.3987


413.9427,
504.3211, 376.2181

 43.5589, 62.0255,
29.8644


 103.7413,
137.2959, 81.6050

 30.5203, 45.0533,
19.4845


 132.0421,
171.7852, 107.1140

 20.3839, 31.4994,
11.8405


165.0719,
211.6149, 137.4516

 12.7843, 20.9794,
6.5140

203.1960,
257.1692, 173.0364

 7.3561, 13.1090,
3.0862

246.7798,
308.8326, 214.2869

 3.7341, 7.5036,
1.1388

296.1886,

 1.5528, 3.7790,

366.9894, 261.6217

0.0000

351.7878,
432.0241, 315.4592

0.3614, 1.5507,
0.0000

0.0000, 0.3240,
0.0000

59.8650, 82.8004,
43.3987

59.8650, 82.8004,
43.3987

53.8667, 79.9298,
33.2195

66.9234, 86.1708,
55.9674

48.8691, 77.5241,
25.2731

75.0852, 90.0527,
71.0581

44.8160, 75.5606,
19.3930

84.3984, 94.4708,
88.7999

41.6426, 74.0101,
15.3869

94.7335, 99.3669,
108.7945

■ 39.2748, 72.8392,
13.0263

■ 37.6121, 72.0039,
11.9617

■ 37.5251, 71.9601,
11.9119

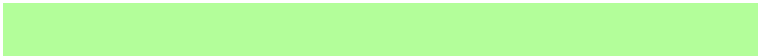
Harmonies

Analogous

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



71.3356, 82.8004, 31.4247



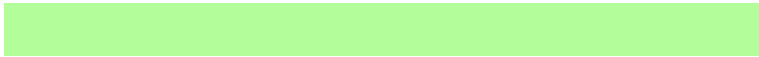
59.8650, 82.8004, 43.3987



53.8643, 82.8004, 70.5771

Triad

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



59.8650, 82.8004, 43.3987



71.5278, 82.8004, 196.6213



110.1217, 82.8004, 70.0795

Complementary

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



59.8650, 82.8004, 43.3987



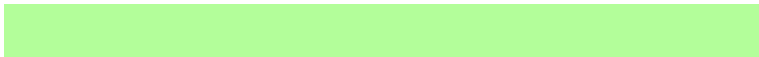
61.7616, 46.9274, 99.5730

Split Complementary

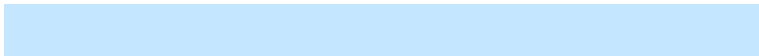
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110.1904, 82.8004, 113.0563



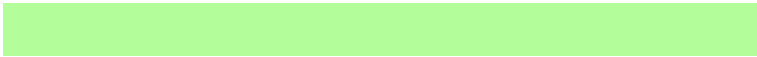
59.8650, 82.8004, 43.3987



86.5531, 82.8004, 196.3569

Square

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



59.8650, 82.8004, 43.3987



59.9901, 82.8004, 162.8521



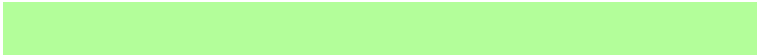
101.1198, 82.8004, 162.2155



100.9425, 82.8004, 43.1353

Rectangle

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



59.8650, 82.8004, 43.3987



53.2140, 82.8004, 97.9070



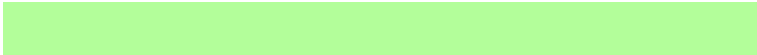
101.1198, 82.8004, 162.2155



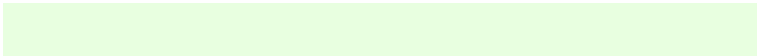
111.2461, 82.8004, 82.8245

Sweetspot

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



59.8671, 82.8039, 43.4005



82.5636, 94.0876, 84.6149



74.7285, 79.4462, 41.9691



17.4036, 20.0113, 17.5974



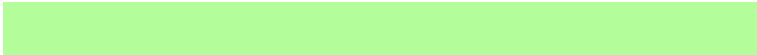
0.0000, 0.0000, 0.0000



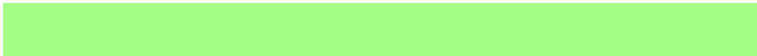
20.3446, 21.4041, 23.3091

Same Dimension

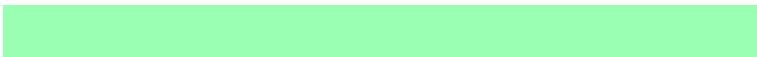
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8671, 82.8039, 43.4005



55.6836, 81.2846, 35.7317



56.9075, 81.0120, 55.2872



18.1969, 20.3874, 19.1204



19.8953, 37.9945, 6.2851



2.0319, 3.7483, 0.6164

Inverse Universe

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



61.7616, 46.9274, 99.5730



57.7988, 40.6039, 99.3987



66.5745, 49.8414, 80.2436



18.3232, 18.0583, 22.7698



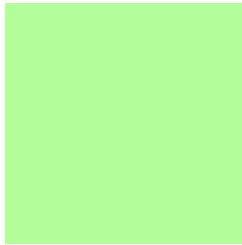
20.8359, 9.6518, 50.1994



2.1285, 0.9912, 4.8924

Previews

White Background



This preview shows how the XYZ color 59.8650, 82.8004, 43.3987 looks on a white background.

Color Contrast Check

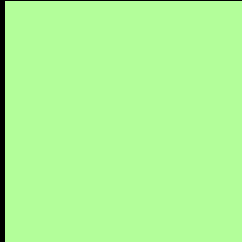
Large Text (above 18pt) WCAG AA × Fail

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 59.8650, 82.8004, 43.3987 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

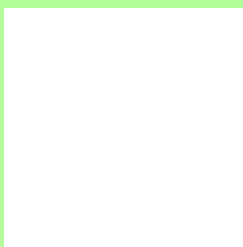
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8650, 82.8004, 43.3987

Background



This preview shows how black text looks on a background with the XYZ color 59.8650, 82.8004, 43.3987.



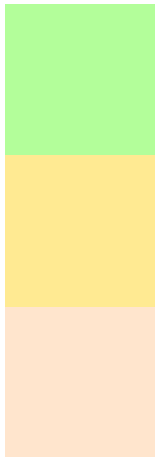
This preview shows how white text looks on a background with the XYZ color 59.8650, 82.8004,

43.3987.

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

59.8650, 82.8004, 43.3987

Protanopia

75.8511, 82.1810, 39.0589

Deuteranopia

80.2788, 81.7064, 69.2974



Tritanopia

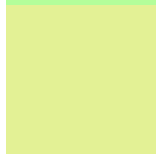
74.6637, 82.6620, 106.6279

Trichromacy



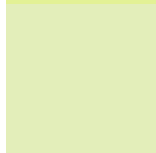
Original Color

59.8650, 82.8004, 43.3987



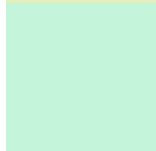
Protanomaly

68.5587, 81.4114, 40.5343



Deuteranomaly

71.1160, 81.0251, 58.3456



Tritanomaly

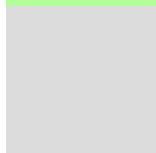
68.0722, 82.1025, 78.5893

Monochromacy



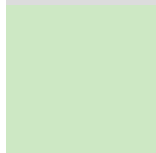
Original Color

59.8650, 82.8004, 43.3987



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

63.9973, 74.6779, 63.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8650, 82.8004, 43.3987 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(179, 254, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 254, 154)  
}
```

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(179, 254, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 254, 154) }
```

Border

The CSS property to change the border of an element to XYZ 59.8650, 82.8004, 43.3987 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(179, 254, 154) }
```


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

```
.border{ border-color:rgb(179, 254, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 254, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 254, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 254, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 254,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8650, 82.8004, 43.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 254, 154) }
```

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

```
.background{ background-color: rgb(179,  
254, 154) }
```

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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