

Converting Colors

XYZ(59.4018, 82.0821, 43.7230)

Have a look what the booklet for
XYZ(59.4018, 82.0821, 43.7230)
contains.

XYZ(59.4018, 82.0821, 43.7230)	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(59.4018, 82.0821,
43.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FD9B
RGB	178, 253, 155
RGB Percent	70%, 99%, 61%
CMY	0.3020, 0.0078, 0.3921
CMYK	0.30, 0.00, 0.39, 0.01
HSL	106°, 96%, 80%
HSV	106°, 39%, 99%
XYZ	59.4018, 82.0821, 43.7230
YIQ	219.4030, -13.2420, -46.3780

Conversions

Conversions Part 2

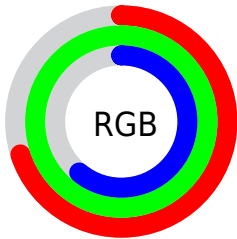
Format	Color
RYB	155, 253, 230
Decimal	11730331
CIELab	92.61, -40.66, 39.71
CIElCh	93, 56.835, 135.681
Yxy	82.0821, 0.3207, 0.4432
Android (android.graphics.Color)	4289920411 (0xFFB2FD9B)
YUV	219.4030, -31.7507, -36.3104
Hunter-Lab	90.5992, -41.5141, 34.8062

Details

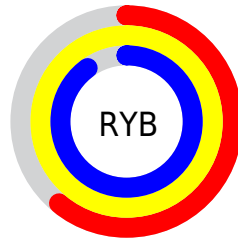
The XYZ color **59.4018, 82.0821, 43.7230** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62.0878, 47.3600, 98.8019**, and the grayscale version is **67.8340, 71.3667, 77.7183**.

A 20% lighter version of the original color is **81.9849, 94.0060, 74.7967**, and **30.1642, 44.5767, 19.5847** is the 20% darker color. If you saturate the color by 10%, you get **53.3625, 79.1915, 33.4875**, and if you desaturate by 10%, it is **66.5175, 85.4811, 56.3359**.

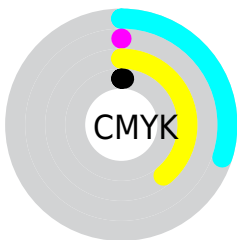
Distribution



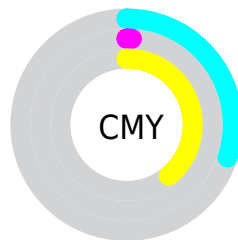
- Red (70%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (90%)



- Cyan (30%)
- Magenta (0%)
- Yellow (39%)
- Black (1%)





- Cyan (30%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4018, 82.0821, 43.7230 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 59.4018, 82.0821, 43.7230 by changing the saturation by 10% instead.


 59.4018, 82.0821,
43.7230


 59.4018, 82.0821,
43.7230


412.2595,
501.9223, 377.5849

 43.1843, 61.4332,
30.1172


 103.0727,
136.2891, 82.0988

 30.2249, 44.5749,
19.6748


 131.2568,
170.6161, 107.7059

 20.1583, 31.1227,
11.9771


164.1604,
210.2711, 138.1505

 12.6191, 20.6923,
6.6058

202.1490,
255.6387, 173.8511

 7.2419, 12.8993,
3.1421

245.5878,
307.1032, 215.2263

 3.6615, 7.3592,
1.1676

294.8423,

 1.5125, 3.6878,

365.0491, 262.6947

0.0000

350.2777,
429.8606, 316.6747

■ 0.3343, 1.5005,
0.0000

■ 0.0000, 0.2891,
0.0000

■ 59.4018, 82.0821,
43.7230

■ 59.4018, 82.0821,
43.7230

■ 53.3625, 79.1915,
33.4875

■ 66.5175, 85.4811,
56.3359

■ 48.3394, 76.7741,
25.4751

■ 74.7538, 89.4009,
71.4567

■ 44.2753, 74.8066,
19.5220

■ 84.1595, 93.8664,
89.2129

■ 41.1044, 73.2590,
15.4395

■ 94.4169, 98.7339,
108.6890

■ 38.7517, 72.0976,
13.0041

■ 37.1199, 71.2792,
11.8937

■ 36.9527, 71.1951,
11.7944

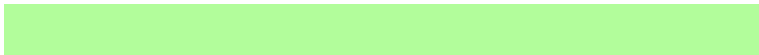
Harmonies

Analogous

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



70.5859, 82.0821, 31.6897



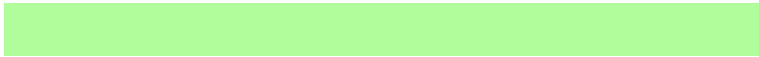
59.4018, 82.0821, 43.7230



53.5965, 82.0821, 70.7204

Triad

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



59.4018, 82.0821, 43.7230



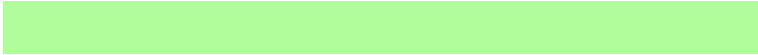
71.1980, 82.0821, 193.6831



108.6956, 82.0821, 69.1337

Complementary

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



59.4018, 82.0821, 43.7230



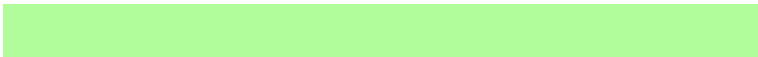
62.0878, 47.3600, 98.8019

Split Complementary

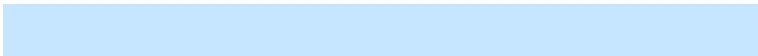
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.9139, 82.0821, 111.0480



59.4018, 82.0821, 43.7230



85.9513, 82.0821, 192.8458

Square

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



59.4018, 82.0821, 43.7230



59.8010, 82.0821, 161.1535



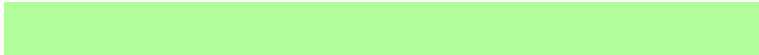
100.1630, 82.0821, 159.1353



99.5998, 82.0821, 42.8791

Rectangle

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



59.4018, 82.0821, 43.7230



53.0200, 82.0821, 97.6735



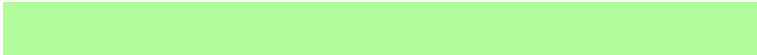
100.1630, 82.0821, 159.1353



109.8448, 82.0821, 81.5575

Sweetspot

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



59.4039, 82.0856, 43.7248



82.4117, 94.0093, 84.6078



74.3090, 79.0152, 42.3466



17.3680, 19.9930, 17.5958



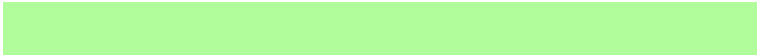
0.0000, 0.0000, 0.0000



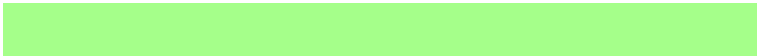
20.3446, 21.4041, 23.3091

Same Dimension

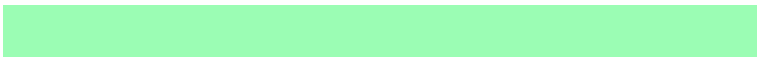
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4039, 82.0856, 43.7248



55.8900, 81.3699, 36.6913



56.8328, 80.4978, 55.4575



18.1705, 20.3738, 19.1192



19.7623, 37.9259, 6.2789



2.0157, 3.7399, 0.6156

Inverse Universe

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



62.0878, 47.3600, 98.8019



58.9236, 41.7190, 99.5547



66.3055, 49.9568, 79.9146



18.3515, 18.0729, 22.7711



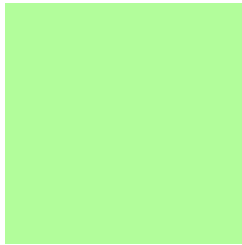
21.3514, 9.9176, 50.2235



2.1748, 1.0151, 4.8946

Previews

White Background



This preview shows how the XYZ color 59.4018, 82.0821, 43.7230 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 59.4018, 82.0821, 43.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

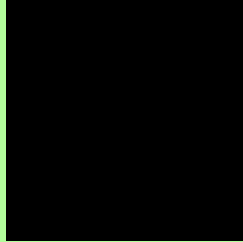
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4018, 82.0821, 43.7230

Background



This preview shows how black text looks on a background with the XYZ color 59.4018, 82.0821, 43.7230.



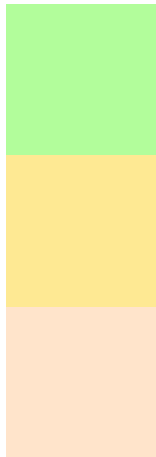
This preview shows how white text looks on a background with the XYZ color 59.4018, 82.0821,

43.7230.

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

59.4018, 82.0821, 43.7230

Protanopia

75.2784, 81.4552, 39.3586

Deuteranopia

79.7629, 81.0586, 67.9418



Tritanopia

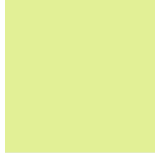
73.5451, 81.6495, 106.4914

Trichromacy



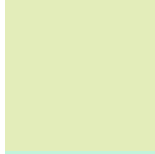
Original Color

59.4018, 82.0821, 43.7230



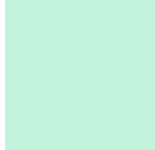
Protanomaly

68.0291, 80.6909, 40.8436



Deuteranomaly

70.8257, 80.4444, 58.2488



Tritanomaly

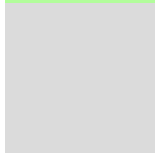
67.3850, 81.2852, 79.1559

Monochromacy



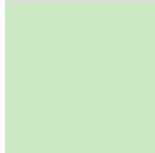
Original Color

59.4018, 82.0821, 43.7230



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.4416, 73.9747, 63.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4018, 82.0821, 43.7230 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(178, 253, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 253, 155)  
}
```

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(178, 253, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 253, 155) }
```

Border

The CSS property to change the border of an element to XYZ 59.4018, 82.0821, 43.7230 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(178, 253, 155) }
```


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

```
.border{ border-color:rgb(178, 253, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 253, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 253, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 253, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 253,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4018, 82.0821, 43.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 253, 155) }
```

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

```
.background{ background-color: rgb(178,  
253, 155) }
```

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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