

Converting Colors

XYZ(59.4761, 74.2965, 50.2725)

Have a look what the booklet for
XYZ(59.4761, 74.2965, 50.2725)
contains.

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Color

**XYZ(59.4342, 74.3069,
50.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ECAC
RGB	193, 236, 172
RGB Percent	76%, 93%, 67%
CMY	0.2431, 0.0745, 0.3255
CMYK	0.18, 0.00, 0.27, 0.07
HSL	100°, 63%, 80%
HSV	100°, 27%, 93%
XYZ	59.4342, 74.3069, 50.2399
YIQ	215.8470, -5.0840, -29.0200

Conversions

Conversions Part 2

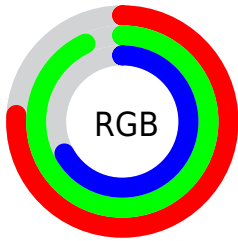
Format	Color
RYB	172, 236, 215
Decimal	12709036
CIELab	89.07, -25.31, 26.60
CIElCh	89, 36.721, 133.573
Yxy	74.3069, 0.3230, 0.4039
Android (android.graphics.Color)	4290899116 (0xFFC1ECAC)
YUV	215.8470, -21.6166, -20.0368
Hunter-Lab	86.2015, -27.7803, 25.7856

Details

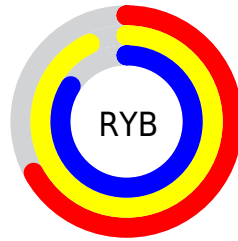
The XYZ color **59.4342, 74.3069, 50.2399** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.9202, 50.0104, 85.9610**, and the grayscale version is **65.3128, 68.7141, 74.8297**.

A 20% lighter version of the original color is **89.1879, 97.4454, 87.5069**, and **30.2985, 39.4634, 23.4731** is the 20% darker color. If you saturate the color by 10%, you get **53.5383, 71.5087, 39.1648**, and if you desaturate by 10%, it is **66.1700, 77.4960, 63.4585**.

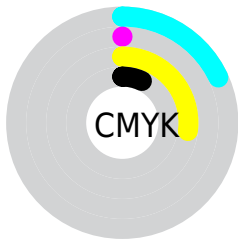
Distribution



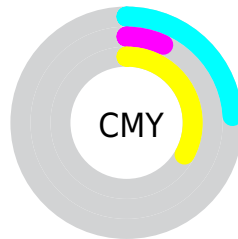
- Red (76%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4342, 74.3069, 50.2399 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 59.4342, 74.3069, 50.2399 by changing the saturation by 10% instead.


 59.4342, 74.3069,
50.2399

 59.4342, 74.3069,
50.2399


412.3773,
475.5319, 404.3653

 43.2105, 55.0453,
35.2315


 103.1195,
125.3308, 91.9302

 30.2455, 39.4380,
23.5563


131.3117,
157.8618, 119.4492

 20.1740, 27.1006,
14.7957


164.2242,
195.5847, 151.9755

 12.6306, 17.6488,
8.5311

202.2223,
238.8840, 189.9276

 7.2499, 10.6981,
4.3440

245.6713,
288.1439, 233.7241

 3.6666, 5.8642,
1.8159


294.9365,


 1.5153, 2.7627,


343.7489, 283.7835


0.4384


350.3834,
406.0835, 340.5244


 0.3362, 1.0091,
0.0000


 0.0000, 0.0000,
0.0000

 59.4342, 74.3069,
50.2399


 59.4342, 74.3069,
50.2399


 53.5383, 71.5087,
39.1648


 66.1700, 77.4960,
63.4585


 48.4416, 69.0763,
30.1154

 73.7727, 81.0810,
78.9202

 44.1085, 66.9962,
22.9703

 82.2751, 85.0788,
96.7242

 40.4981, 65.2502,
17.5929

 89.2869, 88.4739,
106.9790

■ 37.5651, 63.8185,
13.8283

■ 35.2580, 62.6784,
11.4950

■ 33.5138, 61.8026,
10.3580

■ 33.0924, 61.5896,
10.1438

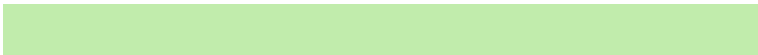
Harmonies

Analogous

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



66.6708, 74.3069, 41.8851



59.4342, 74.3069, 50.2399



55.3962, 74.3069, 67.7762

Triad

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



59.4342, 74.3069, 50.2399



65.8787, 74.3069, 137.8719



88.6774, 74.3069, 69.9011

Complementary

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



59.4342, 74.3069, 50.2399



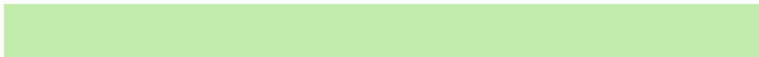
57.9202, 50.0104, 85.9610

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.



88.4199, 74.3069, 95.6342



59.4342, 74.3069, 50.2399



74.7356, 74.3069, 138.7786

Square

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



59.4342, 74.3069, 50.2399



58.8966, 74.3069, 119.7808



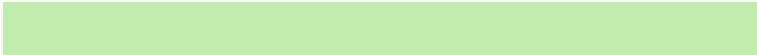
83.1424, 74.3069, 122.0454



83.8187, 74.3069, 51.5115

Rectangle

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



59.4342, 74.3069, 50.2399



54.8302, 74.3069, 84.0130



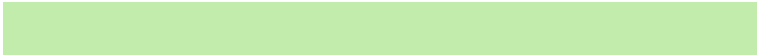
83.1424, 74.3069, 122.0454



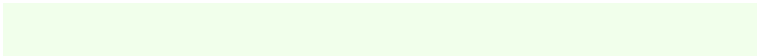
89.1980, 74.3069, 77.8797

Sweetspot

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



59.4361, 74.3101, 50.2415



87.0734, 96.2475, 92.2830



66.2571, 69.2458, 48.9045



18.3328, 20.4575, 19.1268



0.0000, 0.0000, 0.0000



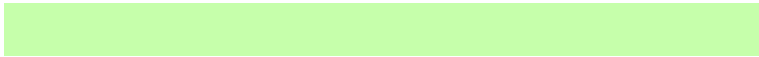
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4361, 74.3101, 50.2415



66.5063, 86.5228, 51.6485



55.5235, 72.1699, 55.6233



15.3338, 17.1021, 16.0116



18.3615, 34.0102, 5.5969



1.5398, 2.7211, 0.4441

Inverse Universe

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



57.9202, 50.0104, 85.9610



64.3867, 52.6837, 101.3832



62.9835, 52.7944, 78.3469



15.2067, 15.0518, 19.0261



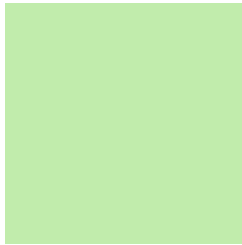
16.3221, 7.4502, 44.3207



1.3822, 0.6369, 3.4849

Previews

White Background



This preview shows how the XYZ color 59.4342, 74.3069, 50.2399 looks on a white background.

Color Contrast Check

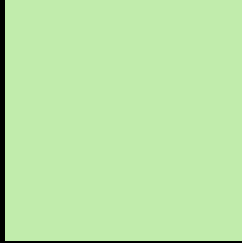
Large Text (above 18pt) WCAG AA × Fail

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 59.4342, 74.3069, 50.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

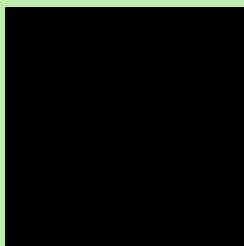
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

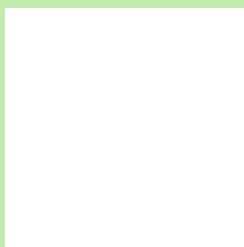
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4342, 74.3069, 50.2399

Background



This preview shows how black text looks on a background with the XYZ color 59.4342, 74.3069, 50.2399.

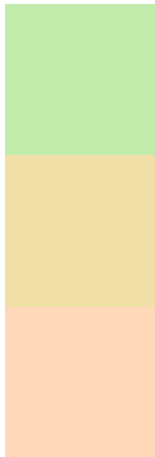


This preview shows how white text looks on a background with the XYZ color 59.4342, 74.3069,

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

59.4342, 74.3069, 50.2399

Protanopia

68.8672, 73.8792, 46.7068

Deuteranopia

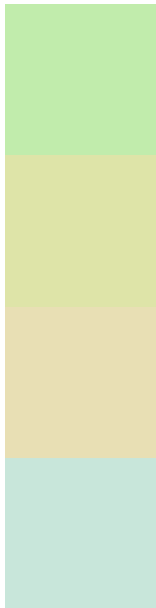
74.5528, 73.8745, 56.2288



Tritanopia

68.8524, 74.3681, 97.1118

Trichromacy



Original Color

59.4342, 74.3069, 50.2399

Protanomaly

64.9355, 73.8436, 47.8766

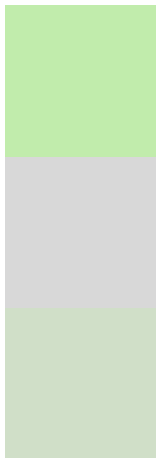
Deuteranomaly

67.9046, 73.2264, 53.7352

Tritanomaly

64.7711, 73.9349, 77.1867

Monochromacy



Original Color

59.4342, 74.3069, 50.2399

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

62.8254, 70.3554, 64.9123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4342, 74.3069, 50.2399 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(193, 236, 172)` looks like.

```
.text, #text, p{  
    color:rgb(193, 236, 172)  
}
```

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(193, 236, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 236, 172) }
```

Border

The CSS property to change the border of an element to XYZ 59.4342, 74.3069, 50.2399 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(193, 236, 172) }
```


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

```
.border{ border-color:rgb(193, 236, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 236, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 236, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 236, 172);  
box-shadow:4px 4px 4px 4px rgb(193, 236,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4342, 74.3069, 50.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 236, 172) }
```

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

```
.background{ background-color: rgb(193,  
236, 172) }
```

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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