

Converting Colors

XYZ(61.9173, 74.8345, 59.3259)

Have a look what the booklet for
XYZ(61.9173, 74.8345, 59.3259)
contains.

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Color

**XYZ(61.9196, 74.9611,
59.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EBBD
RGB	197, 235, 189
RGB Percent	77%, 92%, 74%
CMY	0.2274, 0.0784, 0.2588
CMYK	0.16, 0.00, 0.20, 0.08
HSL	110°, 53%, 83%
HSV	110°, 20%, 92%
XYZ	61.9196, 74.9611, 59.3495
YIQ	218.3940, -7.8820, -22.3620

Conversions

Conversions Part 2

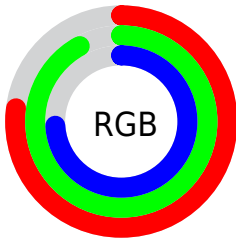
Format	Color
RYB	189, 235, 227
Decimal	12970941
CIELab	89.37, -20.76, 18.31
CIELCh	89, 27.677, 138.589
Yxy	74.9611, 0.3155, 0.3820
Android (android.graphics.Color)	4291161021 (0xFFC5EBBD)
YUV	218.3940, -14.4912, -18.7625
Hunter-Lab	86.5801, -23.8570, 19.9635

Details

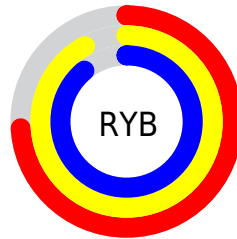
The XYZ color **61.9196, 74.9611, 59.3495** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8746, 58.7263, 86.5172**, and the grayscale version is **67.0151, 70.5051, 76.7800**.

A 20% lighter version of the original color is **93.1145, 99.1834, 100.6229**, and **31.8917, 39.8574, 29.3049** is the 20% darker color. If you saturate the color by 10%, you get **54.8126, 71.5707, 46.7627**, and if you desaturate by 10%, it is **70.0987, 78.8608, 74.1472**.

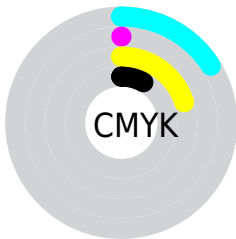
Distribution



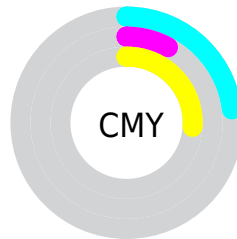
- Red (77%)
- Green (92%)
- Blue (74%)



- Red (74%)
- Yellow (92%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9196, 74.9611, 59.3495 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 61.9196, 74.9611, 59.3495 by changing the saturation by 10% instead.


 61.9196, 74.9611,
59.3495

 61.9196, 74.9611,
59.3495


421.3600,
477.7839, 439.9338

 45.2231, 55.5810,
42.4727


 106.6999,
126.2573, 105.4196

 31.8352, 39.8671,
29.1432


135.5144,
158.9422, 135.4499

 21.3906, 27.4349,
18.9427


169.0990,
196.8308, 170.7018

 13.5239, 17.9001,
11.4525

207.8190,
240.3076, 211.5938

 7.8698, 10.8783,
6.2541

252.0397,
289.7569, 258.5444

 4.0628, 5.9851,
2.9289

302.1265,

 1.7377, 2.8360,

345.5631, 311.9723

1.0584

358.4449,
408.1106, 372.2959

■ 0.4797, 1.0467,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9196, 74.9611,
59.3495

■ 61.9196, 74.9611,
59.3495

■ 54.8126, 71.5707,
46.7627

■ 70.0987, 78.8608,
74.1472

■ 48.7270, 68.6593,
36.2759

■ 79.3860, 83.2796,
91.2496

■ 43.6169, 66.2078,
27.7764

■ 88.9998, 87.8996,
106.8833

■ 39.4305, 64.1922,
21.1386

■ 36.1111, 62.5864,
16.2227

■ 33.5953, 61.3611,
12.8694

■ 31.8107, 60.4830,
10.8894

■ 30.6574, 59.9075,
9.9761

■ 30.6188, 59.8883,
9.9458

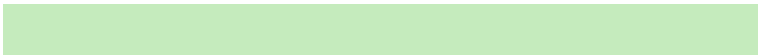
Harmonies

Analogous

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



67.1764, 74.9611, 51.1238



61.9196, 74.9611, 59.3495



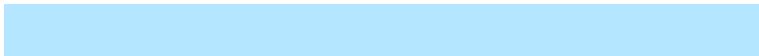
59.2285, 74.9611, 74.4604

Triad

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



61.9196, 74.9611, 59.3495



68.7025, 74.9611, 123.9158



84.3201, 74.9611, 70.2969

Complementary

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



61.9196, 74.9611, 59.3495



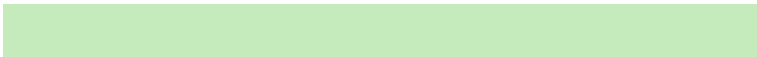
64.8746, 58.7263, 86.5172

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.



84.7932, 74.9611, 89.2242



61.9196, 74.9611, 59.3495



75.4815, 74.9611, 122.3259

Square

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



61.9196, 74.9611, 59.3495



62.9757, 74.9611, 112.9136



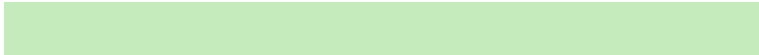
81.4698, 74.9611, 108.8626



80.2153, 74.9611, 56.7188

Rectangle

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



61.9196, 74.9611, 59.3495



59.1301, 74.9611, 87.3187



81.4698, 74.9611, 108.8626



84.9183, 74.9611, 76.1746

Sweetspot

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



61.9216, 74.9643, 59.3511



88.1854, 96.7345, 96.2284



70.8001, 76.0412, 59.0910



18.7218, 20.6321, 20.3149



0.0000, 0.0000, 0.0000



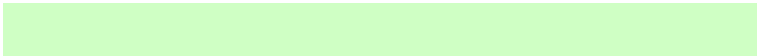
20.3446, 21.4041, 23.3091

Same Dimension

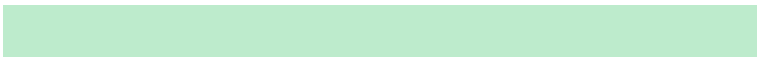
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9216, 74.9643, 59.3511



71.3698, 88.7219, 65.7971



61.5441, 74.5777, 68.0077



15.1125, 16.9880, 16.0012



17.1137, 33.3669, 5.5385



1.4149, 2.6567, 0.4382

Inverse Universe

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



64.8746, 58.7263, 86.5172



75.4560, 66.2348, 103.4154



65.4370, 59.2496, 76.0017



15.4429, 15.1736, 19.0371



20.8440, 9.7814, 44.5324



1.7043, 0.8029, 3.5000

Previews

White Background



This preview shows how the XYZ color 61.9196, 74.9611, 59.3495 looks on a white background.

Color Contrast Check

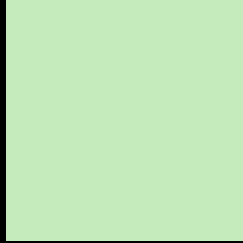
Large Text (above 18pt) WCAG AA × Fail

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 61.9196, 74.9611, 59.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

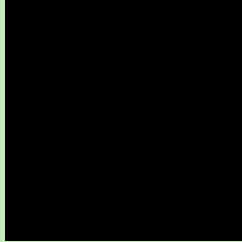
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

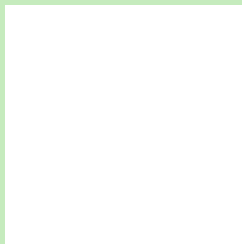
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9196, 74.9611, 59.3495

Background



This preview shows how black text looks on a background with the XYZ color 61.9196, 74.9611, 59.3495.



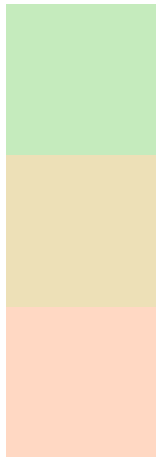
This preview shows how white text looks on a background with the XYZ color 61.9196, 74.9611,

59.3495.

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

61.9196, 74.9611, 59.3495

Protanopia

70.1280, 74.7347, 55.5289

Deuteranopia

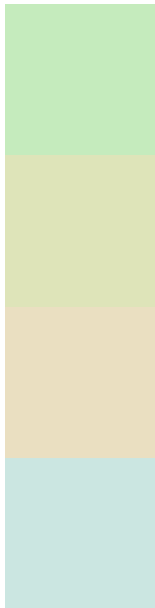
75.6462, 74.3119, 61.9864



Tritanopia

69.4041, 74.6526, 97.1376

Trichromacy



Original Color

61.9196, 74.9611, 59.3495

Protanomaly

66.6246, 74.5192, 56.7711

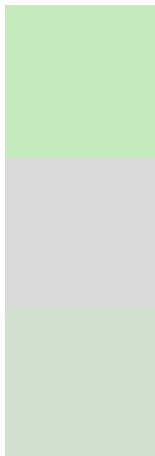
Deuteranomaly

69.9450, 74.1180, 61.0718

Tritanomaly

66.5160, 74.7264, 82.1520

Monochromacy



Original Color

61.9196, 74.9611, 59.3495

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.4965, 71.5179, 69.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9196, 74.9611, 59.3495 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(197, 235, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 235, 189)  
}
```

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(197, 235, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 235, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.9196, 74.9611, 59.3495 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(197, 235, 189) }
```


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

```
.border{ border-color:rgb(197, 235, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 235, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 235, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 235, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 235,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9196, 74.9611, 59.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 235, 189) }
```

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

```
.background{ background-color: rgb(197,  
235, 189) }
```

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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