

Converting Colors

XYZ(59.4194, 68.8930, 61.5708)

Have a look what the booklet for
XYZ(59.4194, 68.8930, 61.5708)
contains.

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Color

**XYZ(59.5319, 69.1218,
61.8339)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E0C3
RGB	197, 224, 195
RGB Percent	77%, 88%, 76%
CMY	0.2274, 0.1215, 0.2353
CMYK	0.12, 0.00, 0.13, 0.12
HSL	116°, 32%, 82%
HSV	116°, 13%, 88%
XYZ	59.5319, 69.1218, 61.8339
YIQ	212.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

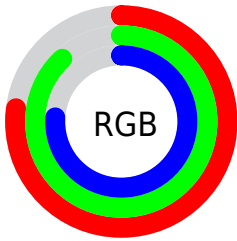
Format	Color
RYB	195, 224, 222
Decimal	12968131
CIELab	86.56, -14.29, 11.21
CIElCh	87, 18.162, 141.876
Yxy	69.1218, 0.3125, 0.3629
Android (android.graphics.Color)	4291158211 (0xFFC5E0C3)
YUV	212.6210, -8.6872, -13.6996
Hunter-Lab	83.1395, -17.6796, 14.1015

Details

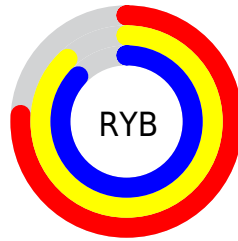
The XYZ color **59.5319, 69.1218, 61.8339** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.0967, 59.9436, 78.7694**, and the grayscale version is **63.0537, 66.3374, 72.2414**.

A 20% lighter version of the original color is **94.2037, 99.6191, 106.3588**, and **30.3234, 36.1387, 30.5765** is the 20% darker color. If you saturate the color by 10%, you get **52.0985, 65.5628, 49.2421**, and if you desaturate by 10%, it is **68.1046, 73.2283, 76.4652**.

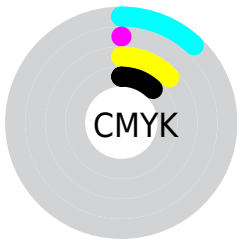
Distribution



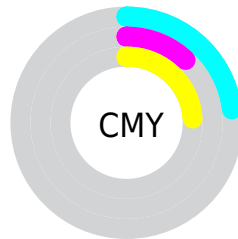
- Red (77%)
- Green (88%)
- Blue (76%)



- Red (76%)
- Yellow (88%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (23%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5319, 69.1218, 61.8339 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 59.5319, 69.1218, 61.8339 by changing the saturation by 10% instead.

■ 59.5319, 69.1218,
61.8339

■ 59.5319, 69.1218,
61.8339

412.7327,
457.4604, 449.3159

■ 43.2895, 50.8109,
44.4636

103.2605,
117.9555, 109.0547

■ 30.3078, 36.0581,
30.6953

131.4775,
149.2472, 139.7423

■ 20.2216, 24.4791,
20.1104

164.4166,
185.6345, 175.7060

■ 12.6654, 15.6894,
12.2904

202.4433,
227.5019, 217.3644

■ 7.2740, 9.3046,
6.8169

245.9228,
275.2338, 265.1361

■ 3.6819, 4.9404,
3.2711


295.2207,

■ 1.5238, 2.2123,


329.2146, 319.4395


1.2347


350.7022,
389.8287, 380.6933


 0.3419, 0.7267,
0.0073


 0.0000, 0.0000,
0.0000


 59.5319, 69.1218,
61.8339


 59.5319, 69.1218,
61.8339


 52.0985, 65.5628,
49.2421


 68.1046, 73.2283,
76.4652

 45.7512, 62.5197,
38.5951

 77.8560, 77.8946,
93.2162

 40.4407, 59.9712,
29.7973

 85.9470, 81.7941,
105.8657

 36.1118, 57.8913,
22.7434

■ 32.7042, 56.2511,
17.3173

■ 30.1508, 55.0192,
13.3890

■ 28.3757, 54.1593,
10.8088

■ 27.2889, 53.6292,
9.3955

■ 26.8613, 53.4194,
8.8952

Harmonies

Analogous

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



62.7271, 69.1218, 55.7278



59.5319, 69.1218, 61.8339



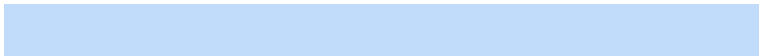
58.0038, 69.1218, 72.0322

Triad

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



59.5319, 69.1218, 61.8339



64.5606, 69.1218, 100.6325



73.5025, 69.1218, 66.9477

Complementary

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



59.5319, 69.1218, 61.8339



63.0967, 59.9436, 78.7694

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.



74.0446, 69.1218, 78.5867



59.5319, 69.1218, 61.8339



68.7617, 69.1218, 98.8982

Square

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



59.5319, 69.1218, 61.8339



60.8250, 69.1218, 95.0187



72.2762, 69.1218, 90.5054



70.8250, 69.1218, 58.4531

Rectangle

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



59.5319, 69.1218, 61.8339



58.0886, 69.1218, 80.1360



72.2762, 69.1218, 90.5054



73.9450, 69.1218, 70.5896

Sweetspot

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



59.5338, 69.1248, 61.8354



90.0429, 97.6035, 100.3198



66.6046, 71.8124, 61.9815



19.0775, 20.7976, 21.1382



0.0000, 0.0000, 0.0000



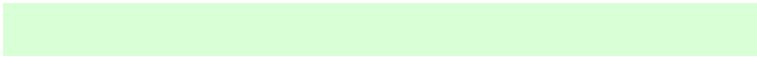
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5338, 69.1248, 61.8354



76.5421, 91.1389, 77.3097



60.4362, 69.4257, 69.3021



13.6158, 15.3821, 14.5582



15.6690, 31.1102, 5.1790



1.1173, 2.1725, 0.3604

Inverse Universe

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



63.0967, 59.9436, 78.7694



82.3601, 76.1449, 104.9643



62.1312, 59.6285, 70.4695



14.1969, 13.8850, 17.3195



23.1045, 11.0061, 41.9550



1.6299, 0.7775, 2.9094

Previews

White Background



This preview shows how the XYZ color 59.5319, 69.1218, 61.8339 looks on a white background.

Color Contrast Check

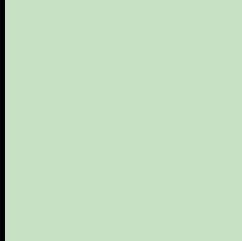
Large Text (above 18pt) WCAG AA × Fail

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 59.5319, 69.1218, 61.8339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

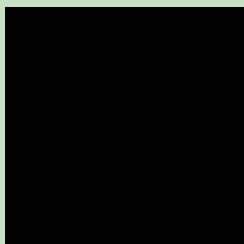
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

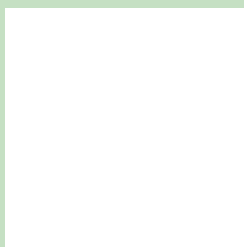
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5319, 69.1218, 61.8339

Background



This preview shows how black text looks on a background with the XYZ color 59.5319, 69.1218, 61.8339.

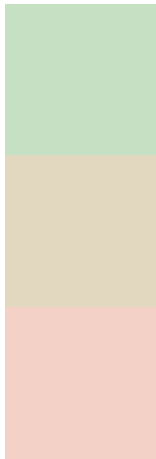


This preview shows how white text looks on a background with the XYZ color 59.5319, 69.1218,

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

59.5319, 69.1218, 61.8339

Protanopia

65.3239, 69.0421, 59.1737

Deuteranopia

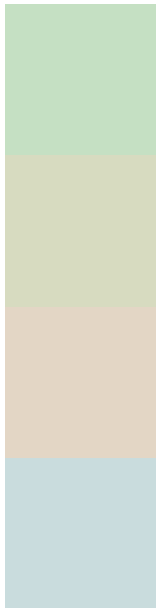
70.3017, 68.9112, 63.0220



Tritanopia

65.1136, 69.0363, 89.2504

Trichromacy



Original Color

59.5319, 69.1218, 61.8339

Protanomaly

62.8703, 68.9159, 59.8576

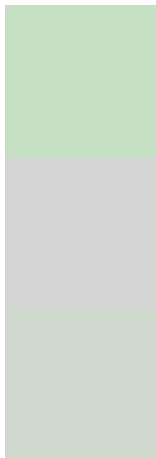
Deuteranomaly

65.8032, 68.4552, 62.5683

Tritanomaly

62.7317, 68.8244, 78.3847

Monochromacy



Original Color

59.5319, 69.1218, 61.8339

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.6856, 67.3473, 68.1407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5319, 69.1218, 61.8339 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, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 195)  
}
```

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, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.5319, 69.1218, 61.8339 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, 224, 195) }
```


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

```
.border{ border-color:rgb(197, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 224, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 224, 195); box-shadow:4px 4px 4px 4px rgb(197, 224, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5319, 69.1218, 61.8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 195) }
```

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

```
.background{ background-color: rgb(197,  
224, 195) }
```

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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