

Converting Colors

XYZ(59.2611, 67.7507, 63.7855)

Have a look what the booklet for
XYZ(59.2611, 67.7507, 63.7855)
contains.

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Color

**XYZ(59.1912, 67.7067,
63.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DDC7
RGB	197, 221, 199
RGB Percent	77%, 87%, 78%
CMY	0.2274, 0.1333, 0.2196
CMYK	0.11, 0.00, 0.10, 0.13
HSL	125°, 26%, 82%
HSV	125°, 11%, 87%
XYZ	59.1912, 67.7067, 63.9818
YIQ	211.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

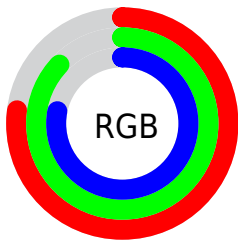
Format	Color
RYB	197, 219, 221
Decimal	12967367
CIELab	85.86, -12.07, 8.10
CIELCh	86, 14.535, 146.125
Yxy	67.7067, 0.3101, 0.3547
Android (android.graphics.Color)	4291157447 (0xFFC5DDC7)
YUV	211.3160, -6.0718, -12.5551
Hunter-Lab	82.2841, -15.5928, 11.4966

Details

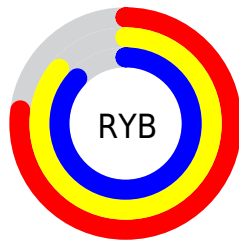
The XYZ color **59.1912, 67.7067, 63.9818** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5736, 60.4208, 75.3854**, and the grayscale version is **62.1696, 65.4073, 71.2286**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.0747, 35.1564, 31.9888** is the 20% darker color. If you saturate the color by 10%, you get **51.6254, 64.0623, 52.1559**, and if you desaturate by 10%, it is **67.9223, 71.9196, 77.4997**.

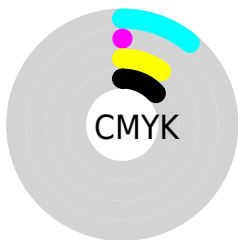
Distribution



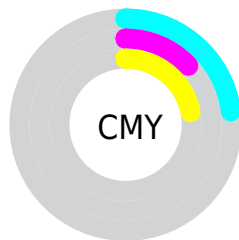
- Red (77%)
- Green (87%)
- Blue (78%)



- Red (77%)
- Yellow (86%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1912, 67.7067, 63.9818 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 59.1912, 67.7067, 63.9818 by changing the saturation by 10% instead.

■ 59.1912, 67.7067,
63.9818

■ 59.1912, 67.7067,
63.9818

411.4928,
452.4561, 457.3296

■ 43.0140, 49.6592,
46.1898

102.7685,
115.9325, 112.1839

■ 30.0907, 35.1427,
32.0459

130.8994,
146.8795, 143.4312

■ 20.0558, 23.7728,
21.1315

163.7455,
182.8951, 180.0007

■ 12.5441, 15.1652,
13.0279

201.6723,
224.3637, 222.3108

■ 7.1902, 8.9354,
7.3168

245.0451,
271.6697, 270.7803

■ 3.6287, 4.6991,
3.5796

294.2292,

■ 1.4943, 2.0718,

325.1975, 325.8275

1.3977

349.5899,
385.3315, 387.8711

■ 0.3220, 0.6487,
0.1399

■ 0.0000, 0.0000,
0.0000

■ 59.1912, 67.7067,
63.9818

■ 59.1912, 67.7067,
63.9818

■ 51.6254, 64.0623,
52.1559

■ 67.9223, 71.9196,
77.4997

■ 45.1703, 60.9537,
41.9511

■ 77.8593, 76.7146,
92.7680

■ 39.7752, 58.3584,
33.2982

■ 85.1477, 80.1955,
105.5992

■ 35.3833, 56.2486,
26.1212

■ 31.9324, 54.5940,
20.3377

■ 29.3536, 53.3611,
15.8571

■ 27.5681, 52.5113,
12.5785

■ 26.4831, 51.9994,
10.3857

■ 25.9704, 51.7605,
9.2123

Harmonies

Analogous

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



61.5797, 67.7067, 58.4775



59.1912, 67.7067, 63.9818



58.1847, 67.7067, 72.4909

Triad

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



59.1912, 67.7067, 63.9818



63.9222, 67.7067, 93.5334



70.2639, 67.7067, 65.9512

Complementary

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



59.1912, 67.7067, 63.9818



62.5736, 60.4208, 75.3854

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.



70.9430, 67.7067, 74.9651



59.1912, 67.7067, 63.9818



67.2087, 67.7067, 91.4071

Square

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



59.1912, 67.7067, 63.9818



60.8560, 67.7067, 89.9868



69.8069, 67.7067, 84.4017



67.9818, 67.7067, 59.5440

Rectangle

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



59.1912, 67.7067, 63.9818



58.4064, 67.7067, 78.9226



69.8069, 67.7067, 84.4017



70.6905, 67.7067, 68.7533

Sweetspot

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



59.1931, 67.7096, 63.9833



91.1827, 98.1344, 102.9327



65.2713, 70.8697, 63.0632



19.3011, 20.9007, 21.6985



0.0000, 0.0000, 0.0000



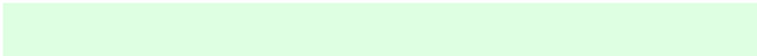
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1931, 67.7096, 63.9833



79.3761, 92.4410, 84.6166



60.5923, 68.2693, 71.3514



12.9303, 14.6238, 14.0962



15.1027, 30.0737, 5.4405



0.9940, 1.9546, 0.4347

Inverse Universe

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



62.5736, 60.4208, 75.3854



84.9298, 80.4663, 103.3482



61.0987, 59.8308, 67.6183



13.5651, 13.2552, 16.2372



23.5759, 11.4314, 33.7422



1.5415, 0.7462, 2.2603

Previews

White Background



This preview shows how the XYZ color 59.1912, 67.7067, 63.9818 looks on a white background.

Color Contrast Check

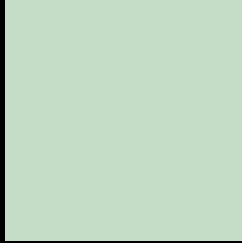
Large Text (above 18pt) WCAG AA × Fail

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 59.1912, 67.7067, 63.9818 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

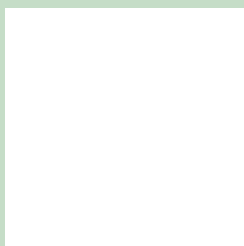
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1912, 67.7067, 63.9818

Background



This preview shows how black text looks on a background with the XYZ color 59.1912, 67.7067, 63.9818.

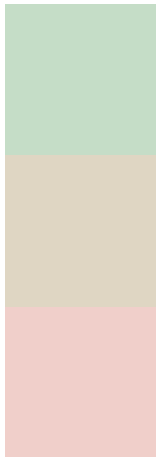


This preview shows how white text looks on a background with the XYZ color 59.1912, 67.7067,

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

59.1912, 67.7067, 63.9818

Protanopia

64.3283, 67.7212, 61.3108

Deuteranopia

68.9087, 67.4152, 65.2577



Tritanopia

63.8924, 67.6914, 86.7891

Trichromacy



Original Color

59.1912, 67.7067, 63.9818

Protanomaly

62.5082, 67.9074, 62.0375

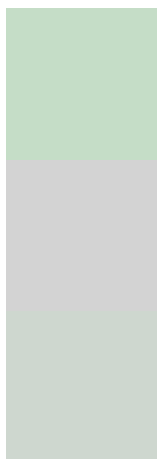
Deuteranomaly

64.8266, 67.1513, 64.8031

Tritanomaly

62.2099, 67.7808, 78.2108

Monochromacy



Original Color

59.1912, 67.7067, 63.9818

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0165, 66.2277, 68.5988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1912, 67.7067, 63.9818 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, 221, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 221, 199)  
}
```

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, 221, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 221, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.1912, 67.7067, 63.9818 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, 221, 199) }
```


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

```
.border{ border-color:rgb(197, 221, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 221, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 221, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 221, 199); box-shadow:4px 4px 4px 4px rgb(197, 221, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1912, 67.7067, 63.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 221, 199) }
```

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

```
.background{ background-color: rgb(197,  
221, 199) }
```

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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