

Converting Colors

XYZ(59.1973, 67.3289, 63.8893)

Have a look what the booklet for
XYZ(59.1973, 67.3289, 63.8893)
contains.

XYZ(59.1907, 67.3157, 63.9064)	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(59.1907, 67.3157,
63.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DCC7
RGB	198, 220, 199
RGB Percent	78%, 86%, 78%
CMY	0.2235, 0.1372, 0.2196
CMYK	0.10, 0.00, 0.10, 0.14
HSL	123°, 24%, 82%
HSV	123°, 10%, 86%
XYZ	59.1907, 67.3157, 63.9064
YIQ	211.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

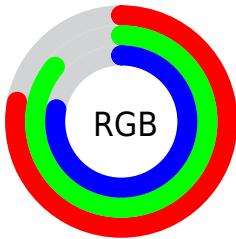
Format	Color
RYB	198, 219, 220
Decimal	13032647
CIELab	85.66, -11.22, 7.83
CIELCh	86, 13.683, 145.100
Yxy	67.3157, 0.3109, 0.3535
Android (android.graphics.Color)	4291222727 (0xFFC6DCC7)
YUV	211.0280, -5.9298, -11.4256
Hunter-Lab	82.0461, -14.8052, 11.2508

Details

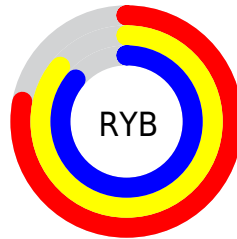
The XYZ color **59.1907, 67.3157, 63.9064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4979, 60.7199, 75.4471**, and the grayscale version is **61.9779, 65.2056, 71.0089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0676, 34.8839, 31.9366** is the 20% darker color. If you saturate the color by 10%, you get **51.5352, 63.6336, 51.6866**, and if you desaturate by 10%, it is **68.0288, 71.5724, 77.9408**.

Distribution



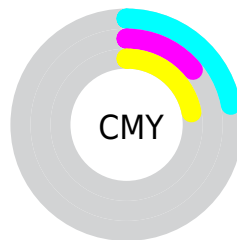
- Red (78%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1907, 67.3157, 63.9064 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 59.1907, 67.3157, 63.9064 by changing the saturation by 10% instead.

■ 59.1907, 67.3157,
63.9064

■ 59.1907, 67.3157,
63.9064

411.4910,
451.0677, 457.0497

■ 43.0136, 49.3412,
46.1292

102.7678,
115.3727, 112.0743

■ 30.0904, 34.8902,
31.9984

130.8986,
146.2239, 143.3020

■ 20.0556, 23.5783,
21.0954

163.7446,
182.1363, 179.8504

■ 12.5440, 15.0211,
13.0019

201.6712,
223.4941, 222.1378

■ 7.1901, 8.8342,
7.2991

245.0438,
270.6817, 270.5830

■ 3.6287, 4.6332,
3.5686

294.2277,

■ 1.4943, 2.0337,

324.0836, 325.6043

1.3918

349.5883,
384.0841, 387.6204

■ 0.3219, 0.6269,
0.1353

■ 0.0000, 0.0000,
0.0000

■ 59.1907, 67.3157,
63.9064

■ 59.1907, 67.3157,
63.9064

■ 51.5352, 63.6336,
51.6866

■ 68.0288, 71.5724,
77.9408

■ 45.0069, 60.4935,
41.2032

■ 78.0907, 76.4177,
93.8550

■ 39.5542, 57.8722,
32.3787

■ 84.8845, 79.6690,
105.5115

■ 35.1194, 55.7418,
25.1282

■ 31.6393, 54.0718,
19.3592

■ 29.0438, 52.8283,
14.9695

■ 27.2530, 51.9724,
11.8441

■ 26.1727, 51.4585,
9.8494

■ 25.6493, 51.2110,
8.8201

Harmonies

Analogous

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



61.4726, 67.3157, 58.8240



59.1907, 67.3157, 63.9064



58.1937, 67.3157, 71.8389

Triad

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



59.1907, 67.3157, 63.9064



63.4709, 67.3157, 91.7626



69.5641, 67.3157, 66.2524

Complementary

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



59.1907, 67.3157, 63.9064



62.4979, 60.7199, 75.4471

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.



70.1410, 67.3157, 74.7714



59.1907, 67.3157, 63.9064



66.5579, 67.3157, 89.9645

Square

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



59.1907, 67.3157, 63.9064



60.6132, 67.3157, 88.2940



69.0242, 67.3157, 83.5616



67.4724, 67.3157, 60.0994

Rectangle

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



59.1907, 67.3157, 63.9064



58.3676, 67.3157, 77.8585



69.0242, 67.3157, 83.5616



69.9444, 67.3157, 68.9141

Sweetspot

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



59.1926, 67.3186, 63.9079



91.1377, 98.1164, 102.6962



65.0829, 70.3685, 63.5791



19.2891, 20.8959, 21.6350



0.0000, 0.0000, 0.0000



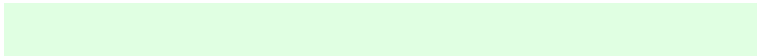
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1926, 67.3186, 63.9079



80.3234, 92.9108, 85.5015



60.4836, 67.8350, 70.7065



12.9104, 14.6158, 13.9911



15.0636, 30.0581, 5.2343



0.9845, 1.9508, 0.3846

Inverse Universe

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



62.4979, 60.7199, 75.4471



85.8301, 81.9173, 104.7256



61.1295, 60.1725, 68.2412



13.5875, 13.2641, 16.3549



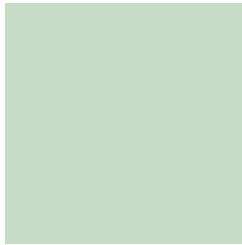
24.1608, 11.6653, 36.8223



1.5733, 0.7590, 2.4281

Previews

White Background



This preview shows how the XYZ color 59.1907, 67.3157, 63.9064 looks on a white background.

Color Contrast Check

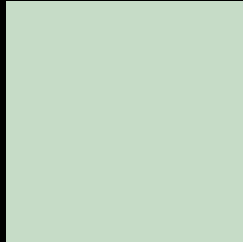
Large Text (above 18pt) WCAG AA × Fail

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 59.1907, 67.3157, 63.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

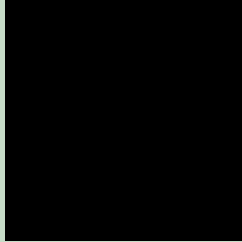
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

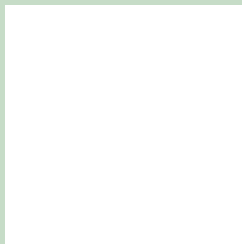
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1907, 67.3157, 63.9064

Background



This preview shows how black text looks on a background with the XYZ color 59.1907, 67.3157, 63.9064.

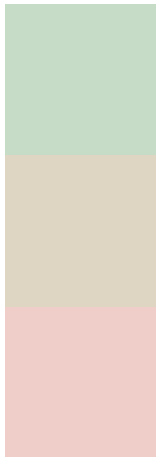


This preview shows how white text looks on a background with the XYZ color 59.1907, 67.3157,

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

59.1907, 67.3157, 63.9064

Protanopia

63.7688, 67.0582, 61.2123

Deuteranopia

68.3286, 66.7576, 65.1613



Tritanopia

63.4945, 67.1236, 85.9536

Trichromacy



Original Color

59.1907, 67.3157, 63.9064

Protanomaly

61.9602, 67.2434, 61.9382

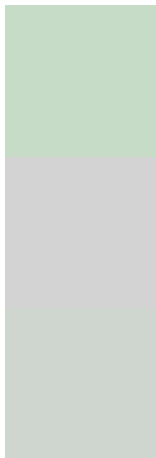
Deuteranomaly

64.5774, 66.6529, 64.7200

Tritanomaly

61.8185, 67.2105, 77.4249

Monochromacy



Original Color

59.1907, 67.3157, 63.9064

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7627, 65.7199, 68.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1907, 67.3157, 63.9064 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(198, 220, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 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(198, 220, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.1907, 67.3157, 63.9064 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(198, 220, 199) }
```


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

```
.border{ border-color:rgb(198, 220, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1907, 67.3157, 63.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 199) }
```

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

```
.background{ background-color: rgb(198,  
220, 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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