

Converting Colors

XYZ(59.1335, 63.0792, 67.5230)

Have a look what the booklet for
XYZ(59.1335, 63.0792, 67.5230)
contains.

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Color

**XYZ(59.1179, 63.0363,
67.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD1CE
RGB	205, 209, 206
RGB Percent	80%, 82%, 81%
CMY	0.1961, 0.1804, 0.1922
CMYK	0.02, 0.00, 0.01, 0.18
HSL	135°, 4%, 81%
HSV	135°, 2%, 82%
XYZ	59.1179, 63.0363, 67.4439
YIQ	207.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

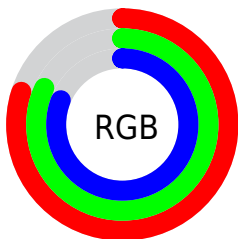
Format	Color
RYB	205, 208, 209
Decimal	13488590
CIELab	83.46, -1.91, 1.00
CIELCh	83, 2.153, 152.371
Yxy	63.0363, 0.3118, 0.3325
Android (android.graphics.Color)	4291678670 (0xFFCDD1CE)
YUV	207.4620, -0.7208, -2.1592
Hunter-Lab	79.3954, -6.0307, 5.2118

Details

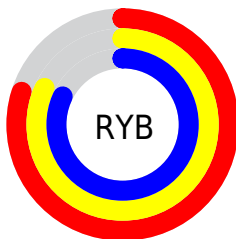
The XYZ color **59.1179, 63.0363, 67.4439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5133, 61.7737, 68.4645**, and the grayscale version is **59.6128, 62.7173, 68.2992**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1513, 32.2890, 34.3490** is the 20% darker color. If you saturate the color by 10%, you get **51.9225, 59.5380, 57.6551**, and if you desaturate by 10%, it is **67.2771, 67.0131, 78.2724**.

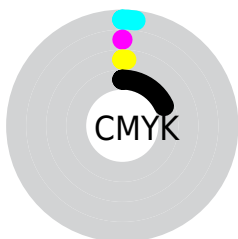
Distribution



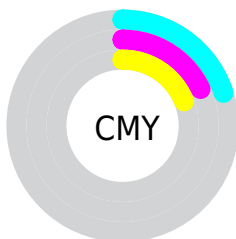
- Red (80%)
- Green (82%)
- Blue (81%)



- Red (80%)
- Yellow (82%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1179, 63.0363, 67.4439 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 59.1179, 63.0363, 67.4439 by changing the saturation by 10% instead.

■ 59.1179, 63.0363,
67.4439

■ 59.1179, 63.0363,
67.4439

411.2257,
435.7012, 470.0676

■ 42.9548, 45.8706,
48.9816

102.6626,
109.2219, 117.2029

■ 30.0440, 32.1437,
34.2394

130.7750,
139.0105, 149.3367

■ 20.0202, 21.4713,
22.7987

163.6011,
173.7756, 186.8648

■ 12.5181, 13.4689,
14.2410

201.5063,
213.9015, 230.2056

■ 7.1723, 7.7522,
8.1478

244.8561,
259.7726, 279.7778

■ 3.6173, 3.9368,
4.1006

294.0156,

■ 1.4880, 1.6383,

311.7733, 335.9998

1.6807

349.3504,
370.2881, 399.2903

■ 0.3177, 0.3832,
0.3474

■ 0.0000, 0.0000,
0.0000

■ 59.1179, 63.0363,
67.4439

■ 59.1179, 63.0363,
67.4439

■ 51.9225, 59.5380,
57.6551

■ 67.2771, 67.0131,
78.2724

■ 45.6498, 56.4922,
48.8714

■ 76.4287, 71.4772,
90.1658

■ 40.2633, 53.8826,
41.0620

■ 81.7778, 73.9578,
102.9277

■ 35.7223, 51.6890,
34.1932

■ 82.0917, 74.0834,
104.5806

■ 31.9828, 49.8893,
28.2292

■ 28.9965, 48.4595,
23.1321

■ 26.7100, 47.3730,
18.8613

■ 25.0624, 46.5991,
15.3726

■ 23.9818, 46.1019,
12.6180

Harmonies

Analogous

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



59.4321, 63.0363, 66.4754



59.1179, 63.0363, 67.4439



59.0167, 63.0363, 68.7428

Triad

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



59.1179, 63.0363, 67.4439



59.9515, 63.0363, 71.2514



60.6798, 63.0363, 67.2609

Complementary

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



59.1179, 63.0363, 67.4439



59.5133, 61.7737, 68.4645

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.



60.8206, 63.0363, 68.5289



59.1179, 63.0363, 67.4439



60.3987, 63.0363, 70.8425

Square

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



59.1179, 63.0363, 67.4439



59.4965, 63.0363, 70.9519



60.7174, 63.0363, 69.8417



60.3337, 63.0363, 66.3707

Rectangle

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



59.1179, 63.0363, 67.4439



59.0832, 63.0363, 69.6245



60.7174, 63.0363, 69.8417



60.7528, 63.0363, 67.6565

Sweetspot

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



59.1197, 63.0390, 67.4453



93.8115, 99.3970, 107.2423



59.8536, 63.4314, 66.8474



20.0926, 21.2814, 22.9718



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.



59.1197, 63.0390, 67.4453



92.5885, 98.8015, 105.6013



59.3564, 63.1337, 68.6917



12.9848, 13.8423, 14.8145



14.4767, 28.2836, 6.8905



0.8419, 1.5944, 0.5560

Inverse Universe

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



59.5133, 61.7737, 68.4645



93.2401, 96.7073, 107.2882



59.2765, 61.6790, 67.2175



13.0697, 13.5693, 15.0344



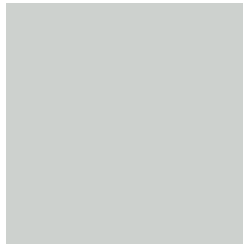
19.9951, 9.8709, 20.6782



1.1487, 0.5642, 1.3178

Previews

White Background



This preview shows how the XYZ color 59.1179, 63.0363, 67.4439 looks on a white background.

Color Contrast Check

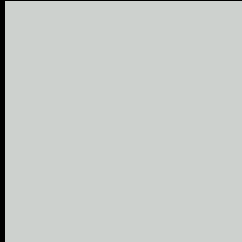
Large Text (above 18pt) WCAG AA × Fail

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 59.1179, 63.0363, 67.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

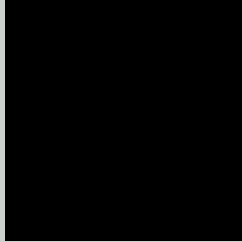
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

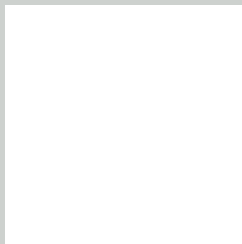
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1179, 63.0363, 67.4439

Background



This preview shows how black text looks on a background with the XYZ color 59.1179, 63.0363, 67.4439.



This preview shows how white text looks on a background with the XYZ color 59.1179, 63.0363, 67.4439.

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

59.1179, 63.0363, 67.4439

Protanopia

60.4836, 63.0305, 66.7359

Deuteranopia

64.2667, 62.8213, 68.4130



Tritanopia

61.4030, 62.8802, 78.7128

Trichromacy



Original Color

59.1179, 63.0363, 67.4439

Protanomaly

59.8698, 63.0748, 66.7768

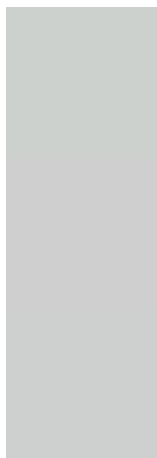
Deuteranomaly

62.3706, 62.9064, 67.8863

Tritanomaly

60.5693, 62.9008, 74.5944

Monochromacy



Original Color

59.1179, 63.0363, 67.4439

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2720, 62.7386, 68.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1179, 63.0363, 67.4439 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(205, 209, 206) looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 206)  
}
```

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(205, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.1179, 63.0363, 67.4439 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(205, 209, 206) }
```


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

```
.border{ border-color:rgb(205, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1179, 63.0363, 67.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 206) }
```

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

```
.background{ background-color: rgb(205,  
209, 206) }
```

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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