

Converting Colors

XYZ(59.2589, 63.5859, 69.3328)

Have a look what the booklet for
XYZ(59.2589, 63.5859, 69.3328)
contains.

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Color

**XYZ(59.1838, 63.3931,
69.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD2D1
RGB	203, 210, 209
RGB Percent	80%, 82%, 82%
CMY	0.2039, 0.1765, 0.1804
CMYK	0.03, 0.00, 0.00, 0.18
HSL	171°, 7%, 81%
HSV	171°, 3%, 82%
XYZ	59.1838, 63.3931, 69.4384
YIQ	207.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

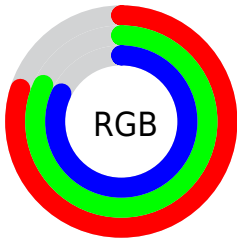
Format	Color
RYB	203, 207, 210
Decimal	13357777
CIELab	83.65, -2.56, -0.34
CIELCh	84, 2.579, 187.639
Yxy	63.3931, 0.3082, 0.3301
Android (android.graphics.Color)	4291547857 (0xFFCBD2D1)
YUV	207.7930, 0.5951, -4.2035
Hunter-Lab	79.6198, -6.6502, 4.0256

Details

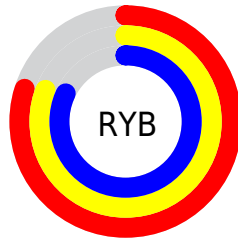
The XYZ color **59.1838, 63.3931, 69.4384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8357, 60.7748, 65.7595**, and the grayscale version is **59.8197, 62.9350, 68.5362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1993, 32.5331, 35.6982** is the 20% darker color. If you saturate the color by 10%, you get **53.4792, 60.4967, 67.2465**, and if you desaturate by 10%, it is **65.6738, 66.6971, 71.7064**.

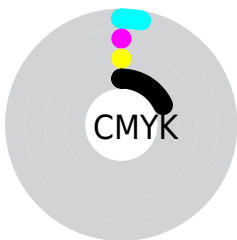
Distribution



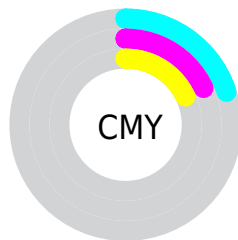
- Red (80%)
- Green (82%)
- Blue (82%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1838, 63.3931, 69.4384 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 59.1838, 63.3931, 69.4384 by changing the saturation by 10% instead.

■ 59.1838, 63.3931,
69.4384

■ 59.1838, 63.3931,
69.4384

411.4658,
436.9947, 477.3114

■ 43.0080, 46.1593,
50.5949

102.7579,
109.7364, 120.0811

■ 30.0860, 32.3715,
35.5118

130.8868,
139.6148, 152.7174

■ 20.0522, 21.6454,
23.7707

163.7310,
174.4767, 190.7883

■ 12.5415, 13.5966,
14.9530

201.6556,
214.7067, 234.7124

■ 7.1884, 7.8406,
8.6401

245.0260,
260.6891, 284.9082

■ 3.6276, 3.9931,
4.4136

294.2076,

■ 1.4937, 1.6697,

312.8083, 341.7943

1.8549

349.5658,
371.4487, 405.7892

■ 0.3215, 0.4039,
0.4638

■ 0.0000, 0.0000,
0.0000

■ 59.1838, 63.3931,
69.4384

■ 59.1838, 63.3931,
69.4384

■ 53.4792, 60.4967,
67.2465

■ 65.6738, 66.6971,
71.7064

■ 48.5235, 57.9837,
65.1248

■ 72.9729, 70.4157,
74.0479

■ 44.2855, 55.8400,
63.0730

■ 76.9462, 72.4189,
76.2709

■ 40.7298, 54.0472,
61.0893

■ 77.3437, 72.5779,
78.3639

■ 37.8177, 52.5854,
59.1716

■ 77.7483, 72.7398,
80.4947

■ 35.5068, 51.4327,
57.3178

■ 78.1601, 72.9045,
82.6635

■ 33.7494, 50.5646,
55.5254

■ 78.5793, 73.0722,
84.8705

■ 32.4908, 49.9528,
53.7916

■ 79.0057, 73.2427,
87.1160

■ 31.6646, 49.5632,
52.1132

■ 79.4394, 73.4162,
89.4001

Harmonies

Analogous

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



59.2550, 63.3931, 67.8484



59.1838, 63.3931, 69.4384



59.3978, 63.3931, 70.9402

Triad

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



59.1838, 63.3931, 69.4384



60.9186, 63.3931, 71.5154



60.6671, 63.3931, 66.1891

Complementary

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



59.1838, 63.3931, 69.4384



58.8357, 60.7748, 65.7595

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.



61.1169, 63.3931, 67.1432



59.1838, 63.3931, 69.4384



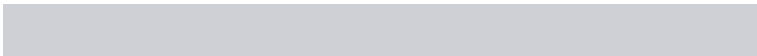
61.2627, 63.3931, 70.2137

Square

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



59.1838, 63.3931, 69.4384



60.3977, 63.3931, 72.1515



61.3355, 63.3931, 68.6119



60.1091, 63.3931, 65.9888

Rectangle

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



59.1838, 63.3931, 69.4384



59.6741, 63.3931, 71.6836



61.3355, 63.3931, 68.6119



60.8361, 63.3931, 66.4316

Sweetspot

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



59.1856, 63.3958, 69.4398



94.0593, 99.4961, 108.5469



58.7435, 63.2521, 65.6136



20.1430, 21.3016, 23.2372



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.



59.1856, 63.3958, 69.4398



91.1620, 98.0228, 107.4947



58.7097, 62.2445, 69.8960



12.6754, 13.6780, 15.0159



19.1066, 30.1356, 31.2714



1.0887, 1.6932, 1.8560

Inverse Universe

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



58.8357, 60.7748, 65.7595



90.5066, 93.1137, 100.6017



59.2991, 61.8937, 65.3221



12.5691, 12.8825, 13.8988



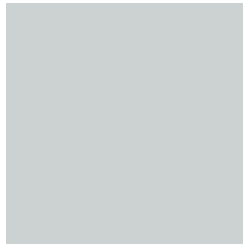
16.3784, 8.4242, 1.6330



0.9385, 0.4801, 0.2111

Previews

White Background



This preview shows how the XYZ color 59.1838, 63.3931, 69.4384 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 59.1838, 63.3931, 69.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

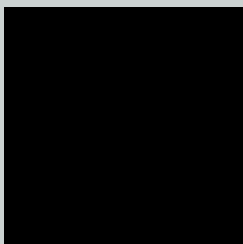
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

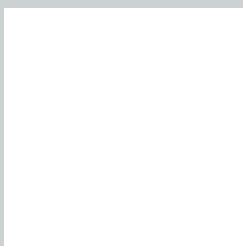
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1838, 63.3931, 69.4384

Background



This preview shows how black text looks on a background with the XYZ color 59.1838, 63.3931, 69.4384.



This preview shows how white text looks on a background with the XYZ color 59.1838, 63.3931,

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

59.1838, 63.3931, 69.4384

Protanopia

60.7267, 63.1277, 68.0157

Deuteranopia

64.5570, 63.2751, 70.4388



Tritanopia

61.1873, 63.4727, 79.5476

Trichromacy



Original Color

59.1838, 63.3931, 69.4384

Protanomaly

60.2355, 63.2211, 68.7027

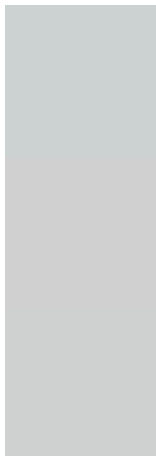
Deuteranomaly

62.3776, 63.2212, 69.8880

Tritanomaly

60.4885, 63.5528, 76.0967

Monochromacy



Original Color

59.1838, 63.3931, 69.4384

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6392, 63.2768, 68.7448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1838, 63.3931, 69.4384 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(203, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 209)  
}
```

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(203, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.1838, 63.3931, 69.4384 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(203, 210, 209) }
```


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

```
.border{ border-color:rgb(203, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1838, 63.3931, 69.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 209) }
```

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

```
.background{ background-color: rgb(203,  
210, 209) }
```

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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