

Converting Colors

XYZ(59.8875, 63.4938, 62.8306)

Have a look what the booklet for
XYZ(59.8875, 63.4938, 62.8306)
contains.

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Color

**XYZ(59.9732, 63.5733,
63.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D1C7
RGB	211, 209, 199
RGB Percent	83%, 82%, 78%
CMY	0.1725, 0.1804, 0.2196
CMYK	0.00, 0.01, 0.06, 0.17
HSL	50°, 12%, 80%
HSV	50°, 6%, 83%
XYZ	59.9732, 63.5733, 63.1428
YIQ	208.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

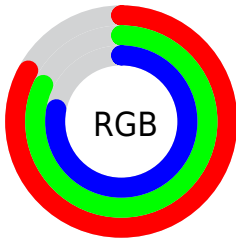
Format	Color
R_{YB}	201, 211, 199
Decimal	13881799
CIE _{Lab}	83.74, -1.07, 5.19
CIE _{LCh}	84, 5.298, 101.686
Yxy	63.5733, 0.3212, 0.3405
Android (android.graphics.Color)	4292071879 (0xFFD3D1C7)
YUV	208.4580, -4.6628, 2.2293
Hunter-Lab	79.7329, -5.2690, 8.8595

Details

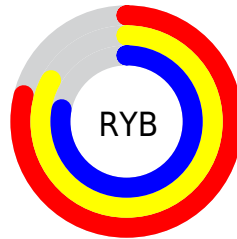
The XYZ color **59.9732, 63.5733, 63.1428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1977, 58.6176, 69.9811**, and the grayscale version is **60.2803, 63.4196, 69.0639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5425, 32.5549, 31.4620** is the 20% darker color. If you saturate the color by 10%, you get **56.8403, 60.9595, 50.8382**, and if you desaturate by 10%, it is **63.4684, 66.3665, 77.2456**.

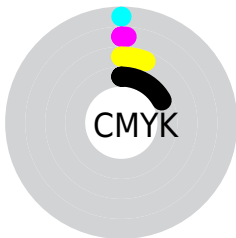
Distribution



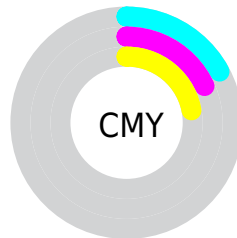
- Red (83%)
- Green (82%)
- Blue (78%)



- Red (79%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9732, 63.5733, 63.1428 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 59.9732, 63.5733, 63.1428 by changing the saturation by 10% instead.

■ 59.9732, 63.5733,
63.1428

■ 59.9732, 63.5733,
63.1428

414.3353,
437.6471, 454.2098

■ 43.6464, 46.3052,
45.5150

103.8974,
109.9962, 110.9631

■ 30.5893, 32.4867,
31.5174

132.2254,
139.9197, 141.9926

■ 20.4366, 21.7335,
20.7314

165.2847,
174.8305, 178.3265

■ 12.8229, 13.6612,
12.7385

203.4404,
215.1130, 220.3832

■ 7.3829, 7.8854,
7.1201

247.0579,
261.1515, 268.5814

■ 3.7511, 4.0217,
3.4577

296.5027,

■ 1.5623, 1.6857,

313.3304, 323.3395

1.3328

352.1400,
372.0341, 385.0761

■ 0.3677, 0.4144,
0.0885

■ 0.0000, 0.0000,
0.0000

■ 59.9732, 63.5733,
63.1428

■ 59.9732, 63.5733,
63.1428

■ 56.8403, 60.9595,
50.8382

■ 63.4684, 66.3665,
77.2456

■ 54.0503, 58.5110,
40.2544

■ 67.3337, 69.3362,
93.2116

■ 51.5901, 56.2243,
31.3147

■ 70.3854, 72.0112,
104.7976

■ 49.4434, 54.0928,
23.9346

■ 71.3136, 73.8678,
105.1070

■ 47.5929, 52.1094,
18.0224

■ 72.2614, 75.7632,
105.4229

■ 46.0190, 50.2660,
13.4765

■ 73.2286, 77.6978,
105.7454

■ 44.7000, 48.5537,
10.1827

■ 74.2156, 79.6717,
106.0743

■ 43.6104, 46.9622,
8.0079

■ 75.2223, 81.6852,
106.4099

■ 42.7190, 45.4787,
6.7881

■ 76.2490, 83.7384,
106.7521

Harmonies

Analogous

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



61.1292, 63.5733, 63.3230



59.9732, 63.5733, 63.1428



58.9511, 63.5733, 64.5520

Triad

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



59.9732, 63.5733, 63.1428



58.7716, 63.5733, 73.5628



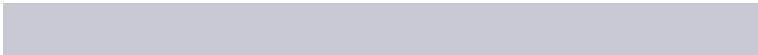
62.5701, 63.5733, 71.2503

Complementary

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



59.9732, 63.5733, 63.1428



56.1977, 58.6176, 69.9811

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.



61.9223, 63.5733, 74.1089



59.9732, 63.5733, 63.1428



59.7253, 63.5733, 75.4732

Square

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



59.9732, 63.5733, 63.1428



58.2633, 63.5733, 70.5244



60.8781, 63.5733, 75.6762



62.6385, 63.5733, 67.9328

Rectangle

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



59.9732, 63.5733, 63.1428



58.4792, 63.5733, 66.2303



60.8781, 63.5733, 75.6762



62.4125, 63.5733, 72.2994

Sweetspot

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



59.9750, 63.5761, 63.1442



93.9696, 99.1358, 104.5427



57.8308, 58.9137, 63.5827



20.1247, 21.2282, 22.4221



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.



59.9750, 63.5761, 63.1442



91.3681, 97.0234, 94.1475



59.3360, 63.9782, 63.2555



12.7589, 13.5562, 13.0554



25.6352, 27.2035, 3.8997



1.4789, 1.6121, 0.2332

Inverse Universe

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



56.1977, 58.6176, 69.9811



84.2203, 87.6407, 107.0852



56.8108, 58.2475, 69.8773



11.6984, 12.1640, 14.9750



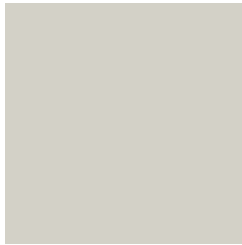
7.5110, 3.6686, 37.5047



0.4704, 0.3060, 2.1138

Previews

White Background



This preview shows how the XYZ color 59.9732, 63.5733, 63.1428 looks on a white background.

Color Contrast Check

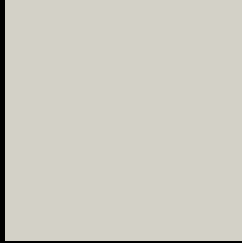
Large Text (above 18pt) WCAG AA × Fail

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 59.9732, 63.5733, 63.1428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

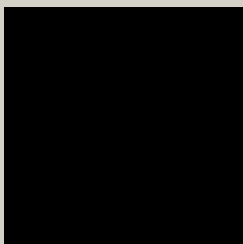
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

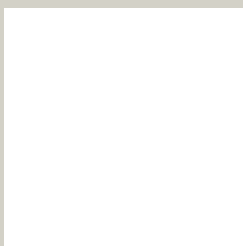
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9732, 63.5733, 63.1428

Background



This preview shows how black text looks on a background with the XYZ color 59.9732, 63.5733, 63.1428.



This preview shows how white text looks on a background with the XYZ color 59.9732, 63.5733,

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

59.9732, 63.5733, 63.1428

Protanopia

60.7732, 63.6360, 62.5060

Deuteranopia

64.8246, 63.5670, 63.4966



Tritanopia

62.9877, 63.7127, 78.0852

Trichromacy



Original Color

59.9732, 63.5733, 63.1428

Protanomaly

60.4805, 63.4851, 62.4923

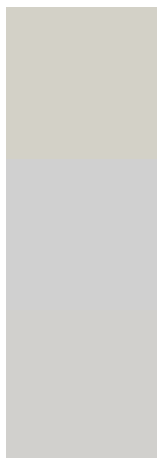
Deuteranomaly

62.9971, 63.6801, 63.6148

Tritanomaly

61.8910, 63.6268, 72.6375

Monochromacy



Original Color

59.9732, 63.5733, 63.1428

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8698, 63.0748, 66.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9732, 63.5733, 63.1428 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(211, 209, 199) looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 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(211, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.9732, 63.5733, 63.1428 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(211, 209, 199) }
```


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

```
.border{ border-color:rgb(211, 209, 199) }
```

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

Here you see how a box with a 4 pixel rgb(211, 209, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9732, 63.5733, 63.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 199) }
```

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

```
.background{ background-color: rgb(211,  
209, 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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