

Converting Colors

XYZ(61.8264, 68.2075, 63.8792)

Have a look what the booklet for
XYZ(61.8264, 68.2075, 63.8792)
contains.

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Color

**XYZ(61.9348, 68.3419,
63.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DBC7
RGB	209, 219, 199
RGB Percent	82%, 86%, 78%
CMY	0.1804, 0.1412, 0.2196
CMYK	0.05, 0.00, 0.09, 0.14
HSL	90°, 22%, 82%
HSV	90°, 9%, 86%
XYZ	61.9348, 68.3419, 63.9598
YIQ	213.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

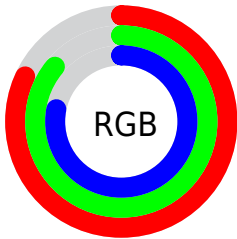
Format	Color
RYB	199, 219, 209
Decimal	13753287
CIELab	86.18, -6.94, 8.67
CIELCh	86, 11.104, 128.677
Yxy	68.3419, 0.3189, 0.3518
Android (android.graphics.Color)	4291943367 (0xFFD1DBC7)
YUV	213.7300, -7.2619, -4.1482
Hunter-Lab	82.6692, -10.9408, 11.9967

Details

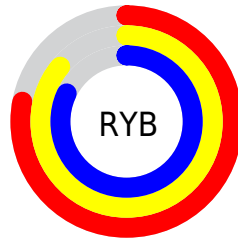
The XYZ color **61.9348, 68.3419, 63.9598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5068, 59.5185, 75.3734**, and the grayscale version is **63.7837, 67.1054, 73.0778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9039, 35.5638, 31.9711** is the 20% darker color. If you saturate the color by 10%, you get **56.5802, 65.8565, 51.3773**, and if you desaturate by 10%, it is **67.8723, 71.0895, 78.4827**.

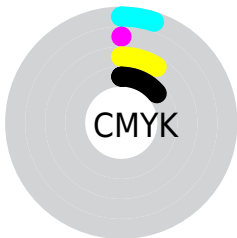
Distribution



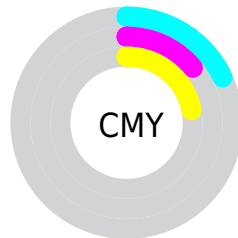
- Red (82%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9348, 68.3419, 63.9598 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 61.9348, 68.3419, 63.9598 by changing the saturation by 10% instead.

61.9348, 68.3419,
63.9598

61.9348, 68.3419,
63.9598

421.4146,
454.7064, 457.2479

45.2354, 50.1759,
46.1721

106.7218,
116.8411, 112.1520

31.8450, 35.5532,
32.0320

135.5401,
147.9432, 143.3935

21.3981, 24.0893,
21.1209

169.1287,
184.1260, 179.9568

13.5294, 15.3999,
13.0203

207.8530,
225.7741, 222.2604

7.8736, 9.1005,
7.3117

252.0784,
273.2718, 270.7227

4.0653, 4.8068,
3.5764

302.1703,

1.7391, 2.1344,

327.0035, 325.7624

1.3959

358.4939,
387.3536, 387.7979

■ 0.4806, 0.6838,
0.1386

■ 0.0000, 0.0000,
0.0000

■ 61.9348, 68.3419,
63.9598

■ 61.9348, 68.3419,
63.9598

■ 56.5802, 65.8565,
51.3773

■ 67.8723, 71.0895,
78.4827

■ 51.7830, 63.6159,
40.6486

■ 74.4057, 74.0984,
95.0187

■ 47.5240, 61.6143,
31.6871

■ 79.9528, 76.7382,
105.2057

■ 43.7806, 59.8420,
24.3977

■ 83.8228, 78.7333,
105.3869

■ 40.5286, 58.2887,
18.6762

■ 84.6229, 79.1458,
105.4243

■ 37.7409, 56.9432,
14.4068

■ 35.3876, 55.7929,
11.4576

■ 33.4338, 54.8232,
9.6729

■ 31.8267, 54.0123,
8.8024

Harmonies

Analogous

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



64.2186, 68.3419, 61.3520



61.9348, 68.3419, 63.9598



60.4869, 68.3419, 69.4127

Triad

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



61.9348, 68.3419, 63.9598



63.1867, 68.3419, 88.3045



69.9357, 68.3419, 72.3102

Complementary

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



61.9348, 68.3419, 63.9598



59.5068, 59.5185, 75.3734

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.



69.6419, 68.3419, 79.6473



61.9348, 68.3419, 63.9598



65.7009, 68.3419, 89.2067

Square

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



61.9348, 68.3419, 63.9598



61.1964, 68.3419, 83.5565



68.0758, 68.3419, 85.9466



68.8684, 68.3419, 65.9616

Rectangle

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



61.9348, 68.3419, 63.9598



60.1680, 68.3419, 74.0882



68.0758, 68.3419, 85.9466



69.9934, 68.3419, 74.7381

Sweetspot

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



61.9367, 68.3449, 63.9613



92.4490, 98.7986, 102.4766



62.3253, 64.7871, 63.2541



19.6419, 21.0795, 21.5761



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.



61.9367, 68.3449, 63.9613



85.8842, 95.7591, 86.5936



59.1955, 66.9317, 63.8330



13.5036, 14.9243, 13.8945



18.9210, 32.0516, 5.1893



1.3252, 2.1277, 0.3408

Inverse Universe

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



59.5068, 59.5185, 75.3734



81.7737, 80.8278, 105.8991



62.4257, 61.0232, 75.5100



12.9560, 12.9355, 16.4661



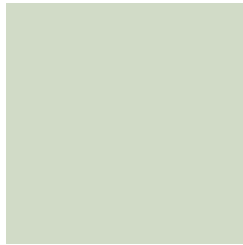
11.4861, 5.0455, 40.1069



0.8435, 0.3781, 2.6030

Previews

White Background



This preview shows how the XYZ color 61.9348, 68.3419, 63.9598 looks on a white background.

Color Contrast Check

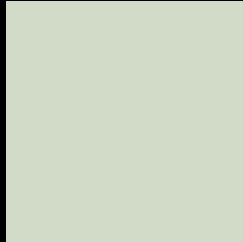
Large Text (above 18pt) WCAG AA × Fail

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 61.9348, 68.3419, 63.9598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

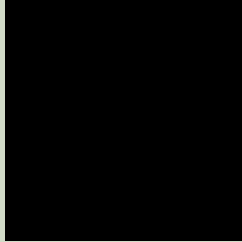
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

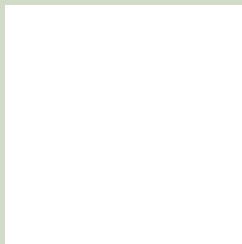
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9348, 68.3419, 63.9598

Background



This preview shows how black text looks on a background with the XYZ color 61.9348, 68.3419, 63.9598.



This preview shows how white text looks on a background with the XYZ color 61.9348, 68.3419,

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

61.9348, 68.3419, 63.9598

Protanopia

65.1190, 68.4794, 62.6090

Deuteranopia

69.3741, 68.0296, 64.7329



Tritanopia

66.2019, 68.1588, 85.2681

Trichromacy



Original Color

61.9348, 68.3419, 63.9598

Protanomaly

63.9623, 68.2490, 63.2283

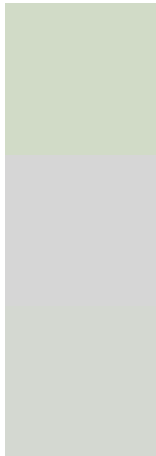
Deuteranomaly

66.2819, 67.9151, 64.2591

Tritanomaly

64.4934, 68.2233, 76.7871

Monochromacy



Original Color

61.9348, 68.3419, 63.9598

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.2159, 67.7122, 70.0595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9348, 68.3419, 63.9598 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(209, 219, 199) looks like.

```
.text, #text, p{  
    color:rgb(209, 219, 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(209, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 219, 199) }
```

Border

The CSS property to change the border of an element to XYZ 61.9348, 68.3419, 63.9598 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(209, 219, 199) }
```


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

```
.border{ border-color:rgb(209, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(209, 219,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9348, 68.3419, 63.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 219, 199) }
```

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

```
.background{ background-color: rgb(209,  
219, 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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