

Converting Colors

XYZ(59.4672, 61.6228, 64.2727)

Have a look what the booklet for
XYZ(59.4672, 61.6228, 64.2727)
contains.

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Color

**XYZ(59.2869, 61.3998,
63.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCC9
RGB	212, 204, 201
RGB Percent	83%, 80%, 79%
CMY	0.1686, 0.2000, 0.2118
CMYK	0.00, 0.04, 0.05, 0.17
HSL	16°, 11%, 81%
HSV	16°, 5%, 83%
XYZ	59.2869, 61.3998, 63.9849
YIQ	206.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

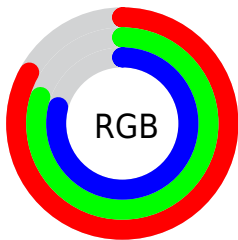
Format	Color
R _Y B	212, 205, 201
Decimal	13946057
CIE Lab	82.59, 2.24, 2.47
CIE LCh	83, 3.333, 47.748
Yxy	61.3998, 0.3210, 0.3325
Android (android.graphics.Color)	4292136137 (0xFFD4CCC9)
YUV	206.0500, -2.4897, 5.2181
Hunter-Lab	78.3580, -2.0707, 6.4361

Details

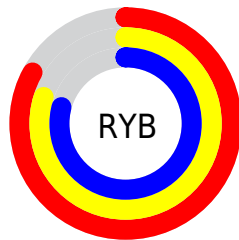
The XYZ color **59.2869, 61.3998, 63.9849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7716, 62.7711, 71.3067**, and the grayscale version is **58.7125, 61.7702, 67.2677**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0774, 31.0874, 32.0190** is the 20% darker color. If you saturate the color by 10%, you get **53.4801, 53.5050, 50.5827**, and if you desaturate by 10%, it is **65.8039, 70.1626, 79.3235**.

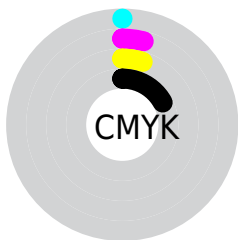
Distribution



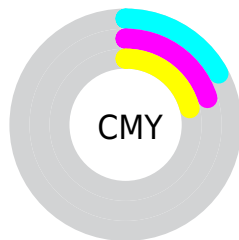
- Red (83%)
- Green (80%)
- Blue (79%)



- Red (83%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2869, 61.3998, 63.9849 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 59.2869, 61.3998, 63.9849 by changing the saturation by 10% instead.

■ 59.2869, 61.3998,
63.9849

■ 59.2869, 61.3998,
63.9849

411.8413,
429.7384, 457.3411

■ 43.0914, 44.5479,
46.1923

102.9068,
106.8576, 112.1884

■ 30.1516, 31.1015,
32.0479

131.0618,
136.2323, 143.4365

■ 20.1024, 20.6761,
21.1329

163.9341,
170.5500, 180.0068

■ 12.5782, 12.8875,
13.0290

201.8890,
210.1952, 222.3179

■ 7.2137, 7.3511,
7.3176

245.2918,
255.5523, 270.7884

■ 3.6436, 3.6826,
3.5800

294.5078,

■ 1.5026, 1.4977,

307.0055, 325.8367

1.3979

349.9026,
364.9394, 387.8814

■ 0.3276, 0.2871,
0.1401

■ 0.0000, 0.0000,
0.0000

■ 59.2869, 61.3998,
63.9849

■ 59.2869, 61.3998,
63.9849

■ 53.4801, 53.5050,
50.5827

■ 65.8039, 70.1626,
79.3235

■ 48.3537, 46.4437,
39.0357

■ 73.0493, 79.8107,
96.6673

■ 43.8838, 40.1905,
29.2626

■ 79.4618, 89.7373,
107.7407

■ 40.0424, 34.7160,
21.1747

■ 80.9618, 92.7373,
108.2407

■ 36.8000, 29.9888,
14.6755

■ 34.1243, 25.9753,
9.6586

■ 31.9795, 22.6392,
6.0045

■ 30.3256, 19.9407,
3.5748

■ 29.1154, 17.8350,
2.2009

Harmonies

Analogous

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



59.6763, 61.3998, 65.6622



59.2869, 61.3998, 63.9849



58.6506, 61.3998, 63.0838

Triad

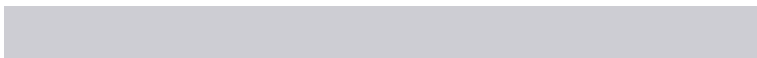
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.2869, 61.3998, 63.9849



57.0270, 61.3998, 66.0228



58.7783, 61.3998, 70.6700

Complementary

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



59.2869, 61.3998, 63.9849



58.7716, 62.7711, 71.3067

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.



58.0677, 61.3998, 70.7714



59.2869, 61.3998, 63.9849



57.0605, 61.3998, 68.0600

Square

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



59.2869, 61.3998, 63.9849



57.3481, 61.3998, 64.2442



57.4402, 61.3998, 69.8075



59.3811, 61.3998, 69.5334

Rectangle

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



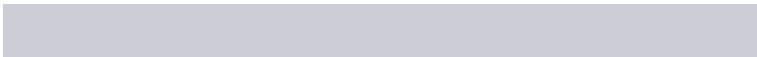
59.2869, 61.3998, 63.9849



58.1737, 61.3998, 63.0322



57.4402, 61.3998, 69.8075



58.5440, 61.3998, 70.8271

Sweetspot

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



59.2886, 61.4025, 63.9862



93.0683, 97.3331, 104.2422



59.5558, 60.3780, 68.8810



19.9412, 20.8613, 22.3609



0.0000, 0.0000, 0.0000



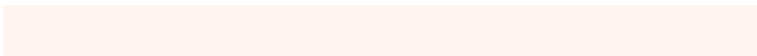
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2886, 61.4025, 63.9862



89.2375, 92.1612, 95.2902



60.6019, 64.0289, 64.4240



13.0736, 13.4785, 13.8687



17.7645, 10.6463, 1.1186



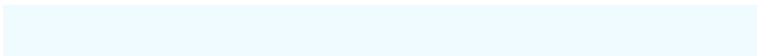
1.1405, 0.7802, 0.0905

Inverse Universe

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



58.7716, 62.7711, 71.3067



88.3251, 94.5762, 108.2075



57.4620, 60.1519, 70.8702



12.9278, 13.8643, 15.9322



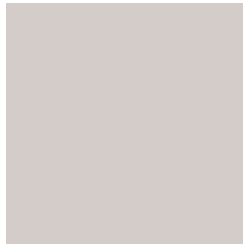
14.5690, 17.3999, 41.0438



0.9460, 1.1840, 2.4980

Previews

White Background



This preview shows how the XYZ color 59.2869, 61.3998, 63.9849 looks on a white background.

Color Contrast Check

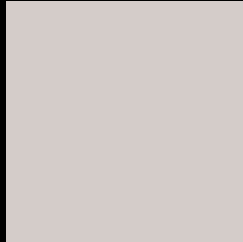
Large Text (above 18pt) WCAG AA × Fail

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 59.2869, 61.3998, 63.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

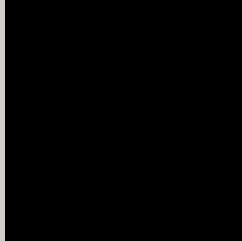
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

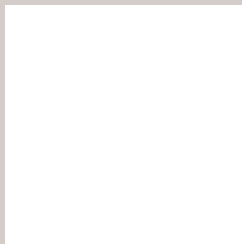
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2869, 61.3998, 63.9849

Background



This preview shows how black text looks on a background with the XYZ color 59.2869, 61.3998, 63.9849.

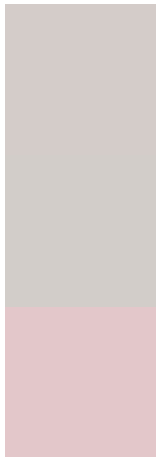


This preview shows how white text looks on a background with the XYZ color 59.2869, 61.3998,

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

59.2869, 61.3998, 63.9849

Protanopia

58.9523, 61.5813, 64.0376

Deuteranopia

62.7626, 61.4420, 64.4287



Tritanopia

61.1426, 61.0792, 74.2125

Trichromacy



Original Color

59.2869, 61.3998, 63.9849

Protanomaly

59.2379, 61.7286, 64.0510

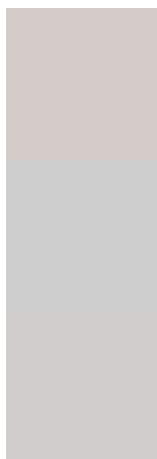
Deuteranomaly

61.6715, 61.5672, 64.5103

Tritanomaly

60.3190, 61.0903, 70.2405

Monochromacy



Original Color

59.2869, 61.3998, 63.9849

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7428, 61.4322, 65.8883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2869, 61.3998, 63.9849 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(212, 204, 201) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 201)  
}
```

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(212, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.2869, 61.3998, 63.9849 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(212, 204, 201) }
```


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

```
.border{ border-color:rgb(212, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2869, 61.3998, 63.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 201) }
```

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

```
.background{ background-color: rgb(212,  
204, 201) }
```

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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