

Converting Colors

XYZ(67.2985, 71.9129, 63.1569)

Have a look what the booklet for
XYZ(67.2985, 71.9129, 63.1569)
contains.

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Color

**XYZ(67.2985, 71.9129,
63.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DDC5
RGB	226, 221, 197
RGB Percent	89%, 87%, 77%
CMY	0.1137, 0.1333, 0.2274
CMYK	0.00, 0.02, 0.13, 0.11
HSL	50°, 33%, 83%
HSV	50°, 13%, 89%
XYZ	67.2985, 71.9129, 63.1569
YIQ	219.7590, 10.6840, -6.4040

Conversions

Conversions Part 2

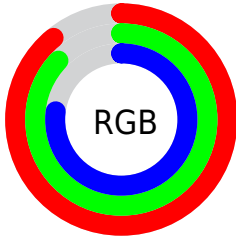
Format	Color
R_{YB}	203, 226, 197
Decimal	14867909
CIE _{Lab}	87.93, -2.31, 12.39
CIE _{LCh}	88, 12.602, 100.568
Yxy	71.9129, 0.3326, 0.3554
Android (android.graphics.Color)	4293057989 (0xFFE2DDC5)
YUV	219.7590, -11.2202, 5.4734
Hunter-Lab	84.8015, -6.7449, 15.2041

Details

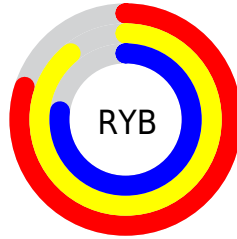
The XYZ color **67.2985, 71.9129, 63.1569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8737, 59.6011, 80.4059**, and the grayscale version is **67.9317, 71.4694, 77.8302**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.3887, 37.9135, 31.4395** is the 20% darker color. If you saturate the color by 10%, you get **63.8854, 68.9245, 50.1866**, and if you desaturate by 10%, it is **71.1276, 75.1107, 78.1829**.

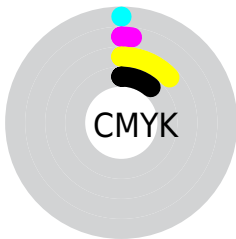
Distribution



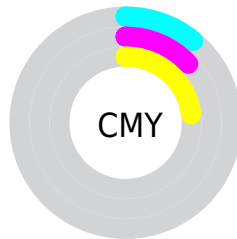
- Red (89%)
- Green (87%)
- Blue (77%)



- Red (80%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2985, 71.9129, 63.1569 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 67.2985, 71.9129, 63.1569 by changing the saturation by 10% instead.

67.2985, 71.9129,
63.1569

67.2985, 71.9129,
63.1569

440.4223,
467.2384, 454.2623

49.5988, 53.0875,
45.5263

114.3955,
121.9327, 110.9836

35.3112, 37.8726,
31.5262

144.5235,
153.8959, 142.0168

24.0704, 25.8839,
20.7381

179.5250,
191.0072, 178.3547

15.5108, 16.7368,
12.7433

219.7653,
233.6509, 220.4157

9.2673, 10.0470,
7.1234

265.6099,
282.2115, 268.6184

4.9745, 5.4301,
3.4598

317.4240,

2.2669, 2.5018,

337.0734, 323.3814

1.3339

375.5730,
398.6208, 385.1232

■ 0.7776, 0.8775,
0.0893

■ 0.0000, 0.0000,
0.0000

■ 67.2985, 71.9129,
63.1569

■ 67.2985, 71.9129,
63.1569

■ 63.8854, 68.9245,
50.1866

■ 71.1276, 75.1107,
78.1829

■ 60.8651, 66.1287,
39.1768

■ 75.3832, 78.5150,
95.3452

■ 58.2209, 63.5209,
30.0314

■ 78.4638, 81.4880,
106.2010

■ 55.9326, 61.0928,
22.6444

■ 79.5761, 83.7125,
106.5718

■ 53.9777, 58.8352,
16.8992

■ 80.7128, 85.9860,
106.9507

■ 52.3313, 56.7379,
12.6651

■ 81.8741, 88.3086,
107.3378

■ 50.9647, 54.7891,
9.7915

■ 83.0602, 90.6808,
107.7331

■ 49.8431, 52.9746,
8.0962

■ 84.2712, 93.1028,
108.1368

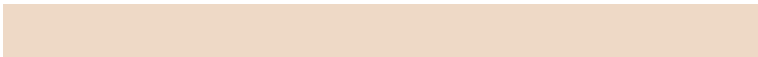
■ 49.1500, 51.7403,
7.3964

■ 85.1742, 94.9089,
108.4378

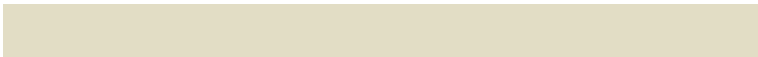
Harmonies

Analogous

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



70.2883, 71.9129, 63.7313



67.2985, 71.9129, 63.1569



64.6676, 71.9129, 66.4094

Triad

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



67.2985, 71.9129, 63.1569



64.0619, 71.9129, 89.5445



73.9368, 71.9129, 83.9270

Complementary

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



67.2985, 71.9129, 63.1569



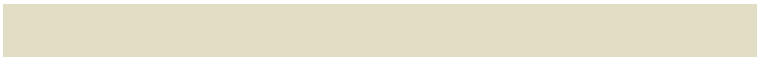
57.8737, 59.6011, 80.4059

Split Complementary

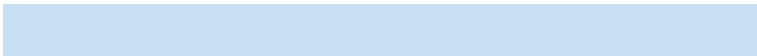
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.1718, 71.9129, 91.5335



67.2985, 71.9129, 63.1569



66.4498, 71.9129, 94.9373

Square

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



67.2985, 71.9129, 63.1569



62.8355, 71.9129, 81.3702



69.4145, 71.9129, 95.6907



74.1802, 71.9129, 75.3098

Rectangle

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



67.2985, 71.9129, 63.1569



63.4489, 71.9129, 70.4599



69.4145, 71.9129, 95.6907



73.4994, 71.9129, 86.7031

Sweetspot

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



67.3004, 71.9161, 63.1584



92.8930, 98.2445, 100.2933



62.0293, 60.3815, 64.4604



19.7983, 20.9588, 21.1313



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.



67.3004, 71.9161, 63.1584



87.4259, 93.6449, 78.9427



65.8359, 73.1482, 63.4735



14.6604, 15.6067, 14.5465



28.1171, 29.6722, 4.2454



2.0026, 2.1640, 0.3122

Inverse Universe

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



57.8737, 59.6011, 80.4059



73.0692, 74.8898, 105.2118



59.1991, 58.5726, 80.1375



13.1419, 13.6230, 17.3245



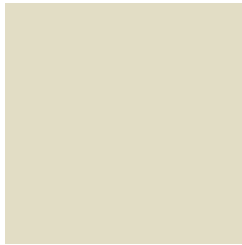
8.3036, 4.0768, 41.3976



0.6334, 0.3983, 2.8887

Previews

White Background



This preview shows how the XYZ color 67.2985, 71.9129, 63.1569 looks on a white background.

Color Contrast Check

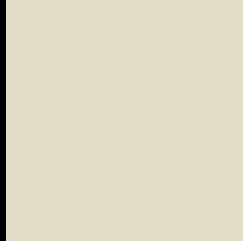
Large Text (above 18pt) WCAG AA × Fail

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 67.2985, 71.9129, 63.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

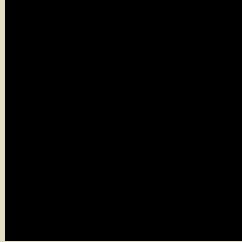
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

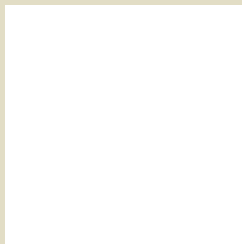
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2985, 71.9129, 63.1569

Background



This preview shows how black text looks on a background with the XYZ color 67.2985, 71.9129, 63.1569.



This preview shows how white text looks on a background with the XYZ color 67.2985, 71.9129,

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

67.2985, 71.9129, 63.1569

Protanopia

68.1901, 71.9949, 62.5270

Deuteranopia

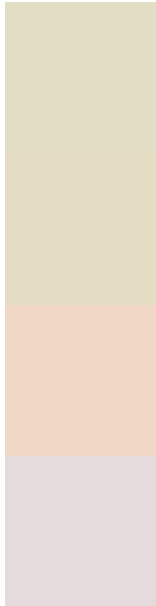
73.5274, 72.0360, 64.0619



Tritanopia

72.2188, 71.9839, 87.1787

Trichromacy



Original Color

67.2985, 71.9129, 63.1569

Protanomaly

67.8701, 71.8299, 62.5120

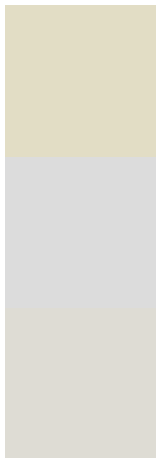
Deuteranomaly

71.0245, 71.8897, 63.5588

Tritanomaly

70.3028, 71.9681, 77.8960

Monochromacy



Original Color

67.2985, 71.9129, 63.1569

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6011, 71.4695, 72.5194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2985, 71.9129, 63.1569 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(226, 221, 197) looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 197)  
}
```

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(226, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 197) }
```

Border

The CSS property to change the border of an element to XYZ 67.2985, 71.9129, 63.1569 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(226, 221, 197) }
```


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

```
.border{ border-color:rgb(226, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 221, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 221, 197); box-shadow:4px 4px 4px 4px rgb(226, 221, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2985, 71.9129, 63.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 197) }
```

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

```
.background{ background-color: rgb(226,  
221, 197) }
```

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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