

Converting Colors

XYZ(62.7956, 67.3911, 57.5581)

Have a look what the booklet for
XYZ(62.7956, 67.3911, 57.5581)
contains.

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Color

**XYZ(63.0009, 67.4906,
57.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD7BD
RGB	220, 215, 189
RGB Percent	86%, 84%, 74%
CMY	0.1373, 0.1568, 0.2588
CMYK	0.00, 0.02, 0.14, 0.14
HSL	50°, 31%, 80%
HSV	50°, 14%, 86%
XYZ	63.0009, 67.4906, 57.8506
YIQ	213.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

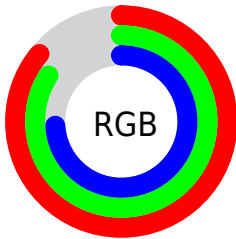
Format	Color
RYB	195, 220, 189
Decimal	14473149
CIELab	85.75, -2.63, 13.45
CIELCh	86, 13.701, 101.065
Yxy	67.4906, 0.3345, 0.3583
Android (android.graphics.Color)	4292663229 (0xFFDCD7BD)
YUV	213.5310, -12.0938, 5.6733
Hunter-Lab	82.1527, -6.8798, 15.7558

Details

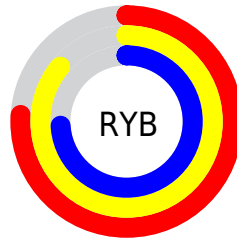
The XYZ color **63.0009, 67.4906, 57.8506** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.1962, 54.5686, 75.4397**, and the grayscale version is **63.6762, 66.9923, 72.9547**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **32.5318, 34.9185, 28.3179** is the 20% darker color. If you saturate the color by 10%, you get **59.8994, 64.8234, 45.9151**, and if you desaturate by 10%, it is **66.4879, 70.3478, 71.7034**.

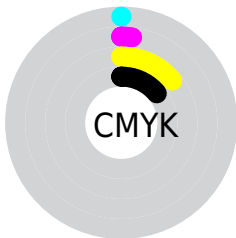
Distribution



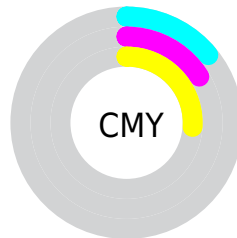
- Red (86%)
- Green (84%)
- Blue (74%)



- Red (76%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0009, 67.4906, 57.8506 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 63.0009, 67.4906, 57.8506 by changing the saturation by 10% instead.

■ 63.0009, 67.4906,
57.8506

■ 63.0009, 67.4906,
57.8506

425.2324,
451.6891, 434.2117

■ 46.1006, 49.4834,
41.2746

■ 108.2526,
115.6231, 103.2179

■ 32.5302, 35.0031,
28.2124

137.3347,
146.5172, 132.8463

■ 21.9243, 23.6653,
18.2454

171.2081,
182.4758, 167.6626

■ 13.9176, 15.0855,
10.9551

210.2382,
223.8832, 208.0854

■ 8.1447, 8.8794,
5.9228

254.7903,
271.1238, 254.5332

■ 4.2402, 4.6626,
2.7302

305.2298,

■ 1.8389, 2.0507,

324.5821, 307.4244

0.9586

361.9221,
384.6424, 367.1778

■ 0.5410, 0.6367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0009, 67.4906,
57.8506

■ 63.0009, 67.4906,
57.8506

■ 59.8994, 64.8234,
45.9151

■ 66.4879, 70.3478,
71.7034

■ 57.1615, 62.3305,
35.8069

■ 70.3704, 73.3925,
87.5494

■ 54.7715, 60.0076,
27.4352

■ 74.6642, 76.6334,
105.4642

■ 52.7102, 57.8470,
20.6997

■ 75.6362, 78.5774,
105.7882

■ 50.9565, 55.8399,
15.4899

■ 76.6283, 80.5615,
106.1189

■ 49.4867, 53.9766,
11.6814

■ 77.6405, 82.5860,
106.4563

■ 48.2733, 52.2460,
9.1304

■ 78.6730, 84.6509,
106.8005

■ 47.2830, 50.6346,
7.6622

■ 79.7259, 86.7567,
107.1515

■ 46.7702, 49.7253,
7.1329

■ 80.7992, 88.9034,
107.5092

Harmonies

Analogous

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



66.1184, 67.4906, 58.3736



63.0009, 67.4906, 57.8506



60.2791, 67.4906, 61.2539

Triad

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



63.0009, 67.4906, 57.8506



59.7210, 67.4906, 85.3863



70.0039, 67.4906, 79.2155

Complementary

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



63.0009, 67.4906, 57.8506



53.1962, 54.5686, 75.4397

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.



68.1786, 67.4906, 87.2464



63.0009, 67.4906, 57.8506



62.2167, 67.4906, 91.0041

Square

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



63.0009, 67.4906, 57.8506



58.4268, 67.4906, 76.8399



65.3085, 67.4906, 91.7112



70.2305, 67.4906, 70.2307

Rectangle

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



63.0009, 67.4906, 57.8506



59.0290, 67.4906, 65.4666



65.3085, 67.4906, 91.7112



69.5543, 67.4906, 82.1345

Sweetspot

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



63.0027, 67.4936, 57.8520



92.9288, 98.3161, 100.3052



57.4699, 55.5143, 58.8244



19.8074, 20.9770, 21.1344



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.



63.0027, 67.4936, 57.8520



86.6514, 93.1395, 75.4668



61.2627, 68.5139, 58.1407



13.9743, 14.8879, 13.8627



27.5177, 29.3209, 4.2092



1.8315, 1.9972, 0.2890

Inverse Universe

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



53.1962, 54.5686, 75.4397



70.3371, 71.6382, 104.7281



54.7584, 53.7512, 75.1996



12.5073, 12.9544, 16.4934



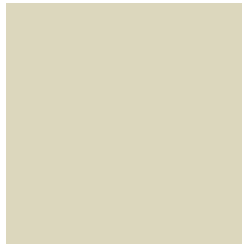
7.9955, 3.8604, 40.0621



0.5715, 0.3570, 2.6132

Previews

White Background



This preview shows how the XYZ color 63.0009, 67.4906, 57.8506 looks on a white background.

Color Contrast Check

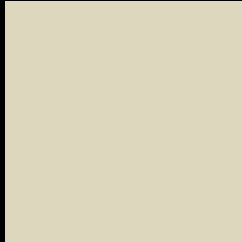
Large Text (above 18pt) WCAG AA × Fail

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 63.0009, 67.4906, 57.8506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

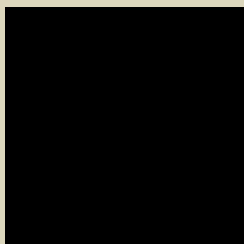
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

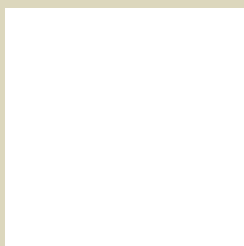
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0009, 67.4906, 57.8506

Background



This preview shows how black text looks on a background with the XYZ color 63.0009, 67.4906, 57.8506.



This preview shows how white text looks on a background with the XYZ color 63.0009, 67.4906,

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

63.0009, 67.4906, 57.8506

Protanopia

63.8641, 67.5713, 57.2535

Deuteranopia

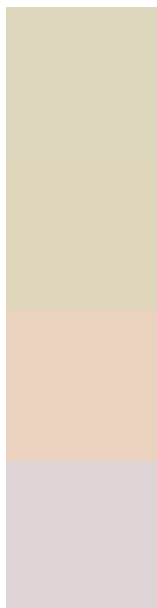
69.0250, 67.6203, 58.7042



Tritanopia

67.8254, 67.5917, 81.4232

Trichromacy



Original Color

63.0009, 67.4906, 57.8506

Protanomaly

63.5551, 67.4120, 57.2390

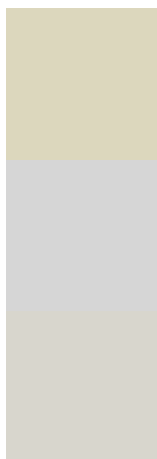
Deuteranomaly

66.6018, 67.4731, 58.2285

Tritanomaly

65.9851, 67.5790, 72.5171

Monochromacy



Original Color

63.0009, 67.4906, 57.8506

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3849, 67.0998, 67.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0009, 67.4906, 57.8506 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(220, 215, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 189)  
}
```

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(220, 215, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 189) }
```

Border

The CSS property to change the border of an element to XYZ 63.0009, 67.4906, 57.8506 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(220, 215, 189) }
```


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

```
.border{ border-color:rgb(220, 215, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 215, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 189);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0009, 67.4906, 57.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 189) }
```

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

```
.background{ background-color: rgb(220,  
215, 189) }
```

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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