

Converting Colors

XYZ(61.1499, 63.0495, 48.9912)

Have a look what the booklet for
XYZ(61.1499, 63.0495, 48.9912)
contains.

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Color

**XYZ(61.1499, 63.0495,
48.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CDAE
RGB	227, 205, 174
RGB Percent	89%, 80%, 68%
CMY	0.1098, 0.1961, 0.3176
CMYK	0.00, 0.10, 0.23, 0.11
HSL	35°, 49%, 79%
HSV	35°, 23%, 89%
XYZ	61.1499, 63.0495, 48.9912
YIQ	208.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

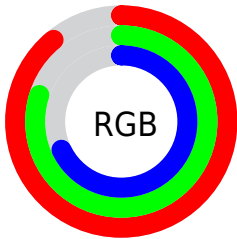
Format	Color
RYB	212, 227, 174
Decimal	14929326
CIELab	83.47, 2.90, 18.24
CIELCh	83, 18.470, 80.974
Yxy	63.0495, 0.3531, 0.3640
Android (android.graphics.Color)	4293119406 (0xFFE3CDAE)
YUV	208.0440, -16.7837, 16.6244
Hunter-Lab	79.4037, -1.4912, 19.0013

Details

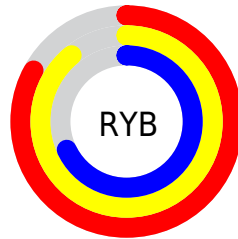
The XYZ color **61.1499, 63.0495, 48.9912** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0604, 54.0234, 80.4099**, and the grayscale version is **60.0790, 63.2078, 68.8333**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **31.3740, 32.1963, 22.9733** is the 20% darker color. If you saturate the color by 10%, you get **56.9356, 57.8680, 37.5755**, and if you desaturate by 10%, it is **65.8773, 68.6578, 62.4245**.

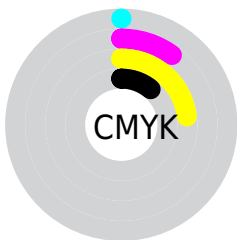
Distribution



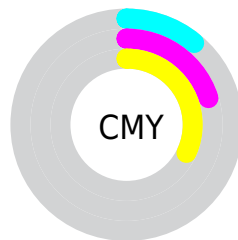
- Red (89%)
- Green (80%)
- Blue (68%)



- Red (83%)
- Yellow (89%)
- Blue (68%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1499, 63.0495, 48.9912 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 61.1499, 63.0495, 48.9912 by changing the saturation by 10% instead.


 61.1499, 63.0495,
48.9912

 61.1499, 63.0495,
48.9912


418.5905,
435.7491, 399.3291

 44.5992, 45.8813,
34.2469


 105.5928,
109.2409, 90.0592

 31.3417, 32.1521,
22.8045


134.2157,
139.0329, 117.2201

 21.0123, 21.4777,
14.2453

167.5934,
173.8015, 149.3569

 13.2455, 13.4736,
8.1508

206.0912,
213.9313, 186.8882

 7.6760, 7.7555,
4.1024

250.0744,
259.8065, 230.2326

 3.9384, 3.9389,
1.6817

299.9085,

 1.6673, 1.6394,

311.8117, 279.8085

0.3481

355.9587,
370.3310, 336.0345

■ 0.4357, 0.3840,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1499, 63.0495,
48.9912

■ 61.1499, 63.0495,
48.9912

■ 56.9356, 57.8680,
37.5755

■ 65.8773, 68.6578,
62.4245

■ 53.2083, 53.0923,
28.0737

■ 71.1325, 74.6958,
77.9641

■ 49.9466, 48.7125,
20.3788

■ 76.9359, 81.1775,
95.6985

■ 47.1258, 44.7144,
14.3714

■ 81.6863, 87.4660,
107.1850

■ 44.7178, 41.0828,
9.9177

■ 84.5736, 93.2406,
108.1475

■ 42.6909, 37.8006,
6.8631

■ 85.4888, 95.0710,
108.4525

■ 41.0070, 34.8484,
5.0208

■ 40.0380, 33.0494,
4.2689

Harmonies

Analogous

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



64.9369, 63.0495, 52.8200



61.1499, 63.0495, 48.9912



57.1969, 63.0495, 49.9518

Triad

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



61.1499, 63.0495, 48.9912



52.9818, 63.0495, 76.9000



66.1471, 63.0495, 83.5855

Complementary

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



61.1499, 63.0495, 48.9912



51.0604, 54.0234, 80.4099

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.



62.7420, 63.0495, 91.5143



61.1499, 63.0495, 48.9912



55.1810, 63.0495, 87.3639

Square

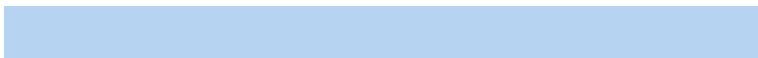
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1499, 63.0495, 48.9912



52.5984, 63.0495, 65.2289



58.7198, 63.0495, 92.9695



67.9058, 63.0495, 72.1890

Rectangle

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



61.1499, 63.0495, 48.9912



54.9902, 63.0495, 53.2282



58.7198, 63.0495, 92.9695



65.1500, 63.0495, 86.7957

Sweetspot

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



61.1516, 63.0523, 48.9925



89.9901, 94.2674, 93.6882



56.7886, 50.5931, 59.0474



19.1717, 20.0742, 19.7865



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.



61.1516, 63.0523, 48.9925



76.8747, 78.7537, 56.2771



65.4129, 73.6166, 50.8070



15.0740, 15.7619, 15.1523



23.4678, 19.5097, 2.5289



1.8253, 1.6240, 0.2173

Inverse Universe

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



51.0604, 54.0234, 80.4099



61.5741, 65.0662, 103.9215



47.4578, 45.3334, 78.9225



14.0717, 14.8649, 18.2719



10.5403, 8.1427, 43.3993



0.8688, 0.7815, 3.2370

Previews

White Background



This preview shows how the XYZ color 61.1499, 63.0495, 48.9912 looks on a white background.

Color Contrast Check

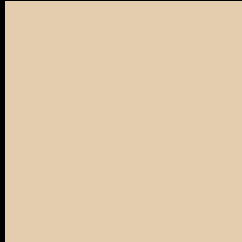
Large Text (above 18pt) WCAG AA × Fail

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 61.1499, 63.0495, 48.9912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

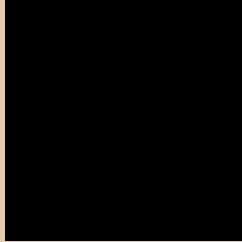
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1499, 63.0495, 48.9912

Background



This preview shows how black text looks on a background with the XYZ color 61.1499, 63.0495, 48.9912.



This preview shows how white text looks on a background with the XYZ color 61.1499, 63.0495,

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

61.1499, 63.0495, 48.9912

Protanopia

59.5072, 63.2670, 49.6328

Deuteranopia

64.3273, 62.9290, 49.3135



Tritanopia

65.9679, 62.9089, 72.9557

Trichromacy



Original Color

61.1499, 63.0495, 48.9912

Protanomaly

60.1749, 63.2504, 49.5944

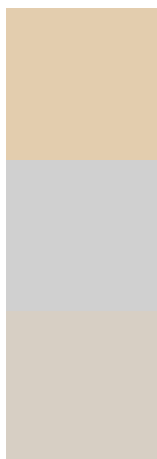
Deuteranomaly

63.1193, 62.9984, 49.3906

Tritanomaly

63.9451, 62.7664, 63.3884

Monochromacy



Original Color

61.1499, 63.0495, 48.9912

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3010, 63.0582, 61.2178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1499, 63.0495, 48.9912 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(227, 205, 174)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 174)  
}
```

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(227, 205, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 174) }
```

Border

The CSS property to change the border of an element to XYZ 61.1499, 63.0495, 48.9912 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(227, 205, 174) }
```


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

```
.border{ border-color:rgb(227, 205, 174) }
```

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

Here you see how a box with a 4 pixel rgb(227, 205, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 174);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1499, 63.0495, 48.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 174) }
```

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

```
.background{ background-color: rgb(227,  
205, 174) }
```

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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