

Converting Colors

XYZ(60.0921, 61.2409, 47.6842)

Have a look what the booklet for XYZ(60.0921, 61.2409, 47.6842) contains.

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Color

**XYZ(60.0116, 61.0827,
47.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C9AC
RGB	227, 201, 172
RGB Percent	89%, 79%, 67%
CMY	0.1098, 0.2117, 0.3255
CMYK	0.00, 0.11, 0.24, 0.11
HSL	32°, 50%, 78%
HSV	32°, 24%, 89%
XYZ	60.0116, 61.0827, 47.6569
YIQ	205.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

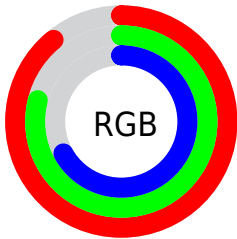
Format	Color
R _Y B	221, 227, 172
Decimal	14928300
CIE Lab	82.42, 4.71, 17.84
CIE LCh	82, 18.454, 75.220
Yxy	61.0827, 0.3556, 0.3620
Android (android.graphics.Color)	4293118380 (0xFFE3C9AC)
YUV	205.4680, -16.4997, 18.8836
Hunter-Lab	78.1554, 0.2891, 18.5555

Details

The XYZ color **60.0116, 61.0827, 47.6569** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0721, 54.7035, 80.5405**, and the grayscale version is **58.4185, 61.4608, 66.9309**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **30.6185, 30.8814, 22.1162** is the 20% darker color. If you saturate the color by 10%, you get **55.6010, 55.4573, 36.3340**, and if you desaturate by 10%, it is **64.9725, 67.2120, 61.0019**.

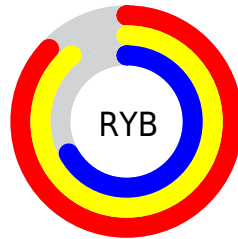
Distribution



Red (89%)

Green (79%)

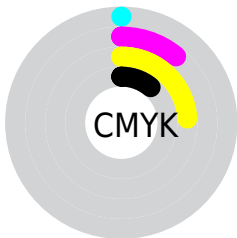
Blue (67%)



Red (87%)

Yellow (89%)

Blue (67%)

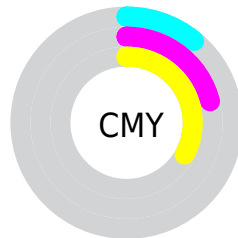


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0116, 61.0827, 47.6569 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 60.0116, 61.0827, 47.6569 by changing the saturation by 10% instead.


 60.0116, 61.0827,
47.6569

 60.0116, 61.0827,
47.6569


414.4746,
428.5772, 393.9000

 43.6775, 44.2919,
33.1972


 103.9527,
106.3987, 88.0536

 30.6139, 30.9001,
22.0052


132.2905,
135.6926, 114.8276

 20.4554, 20.5228,
13.6624


165.3601,
169.9231, 146.5435

 12.8367, 12.7756,
7.7502

203.5271,
209.4745, 183.6198

 7.3924, 7.2742,
3.8500

247.1566,
254.7312, 226.4751

 3.7572, 3.6342,
1.5434

296.6141,

 1.5657, 1.4711,

306.0777, 275.5278

0.2500

352.2650,
363.8982, 331.1966

■ 0.3699, 0.2683,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0116, 61.0827,
47.6569

■ 60.0116, 61.0827,
47.6569

■ 55.6010, 55.4573,
36.3340

■ 64.9725, 67.2120,
61.0019

■ 51.7136, 50.3130,
26.9285

■ 70.5001, 73.8509,
76.4588

■ 48.3266, 45.6368,
19.3322

■ 76.6156, 81.0153,
94.1168

■ 45.4136, 41.4123,
13.4240

■ 82.0559, 88.2053,
107.3083

■ 42.9451, 37.6212,
9.0684

■ 85.3775, 94.8485,
108.4155

■ 40.8874, 34.2437,
6.1079

■ 85.4887, 95.0710,
108.4525

■ 39.2003, 31.2569,
4.3513

■ 38.3603, 29.6942,
3.7097

Harmonies

Analogous

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



63.5592, 61.0827, 52.2650



60.0116, 61.0827, 47.6569



56.0908, 61.0827, 47.6915

Triad

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



60.0116, 61.0827, 47.6569



51.0491, 61.0827, 72.3694



63.6030, 61.0827, 82.9935

Complementary

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



60.0116, 61.0827, 47.6569



51.0721, 54.7035, 80.5405

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.



60.0691, 61.0827, 89.7200



60.0116, 61.0827, 47.6569



52.8824, 61.0827, 83.1302

Square

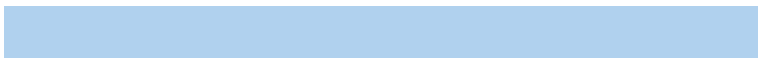
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.0116, 61.0827, 47.6569



51.0353, 61.0827, 61.1254



56.1458, 61.0827, 89.7728



65.6955, 61.0827, 72.1991

Rectangle

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



60.0116, 61.0827, 47.6569



53.7965, 61.0827, 50.3105



56.1458, 61.0827, 89.7728



62.5373, 61.0827, 85.8566

Sweetspot

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



60.0132, 61.0855, 47.6582



89.6754, 93.6379, 93.5832



56.6922, 49.9409, 60.4318



19.0988, 19.9283, 19.7622



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.



60.0132, 61.0855, 47.6582



75.1914, 75.8098, 54.4127



66.3061, 74.0994, 49.8384



15.0029, 15.6198, 15.1286



22.4896, 17.5533, 2.2028



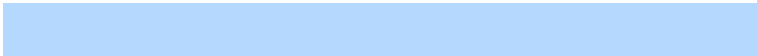
1.7548, 1.4829, 0.1937

Inverse Universe

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



51.0721, 54.7035, 80.5405



61.6742, 66.1626, 104.1278



45.8335, 43.9267, 78.7364



14.1418, 15.0050, 18.2952



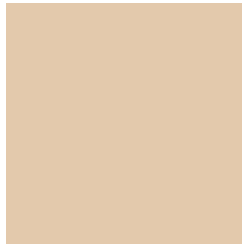
11.2851, 9.6323, 43.6476



0.9263, 0.8966, 3.2562

Previews

White Background



This preview shows how the XYZ color 60.0116, 61.0827, 47.6569 looks on a white background.

Color Contrast Check

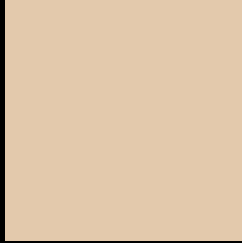
Large Text (above 18pt) WCAG AA × Fail

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 60.0116, 61.0827, 47.6569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

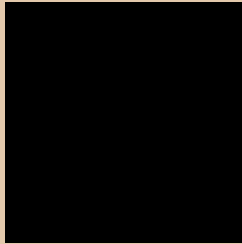
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0116, 61.0827, 47.6569

Background



This preview shows how black text looks on a background with the XYZ color 60.0116, 61.0827, 47.6569.



This preview shows how white text looks on a background with the XYZ color 60.0116, 61.0827,

47.6569.

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

60.0116, 61.0827, 47.6569

Protanopia

57.7902, 61.3176, 48.8340

Deuteranopia

62.1011, 60.7825, 47.9943



Tritanopia

64.5517, 60.8892, 69.9786

Trichromacy



Original Color

60.0116, 61.0827, 47.6569

Protanomaly

58.6509, 61.4185, 48.2989

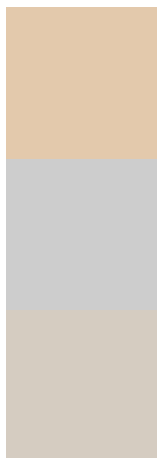
Deuteranomaly

61.3412, 60.7289, 48.0240

Tritanomaly

62.6774, 60.7867, 61.2529

Monochromacy



Original Color

60.0116, 61.0827, 47.6569

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.6591, 61.1821, 59.1697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0116, 61.0827, 47.6569 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, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 172)  
}
```

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, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 172) }
```

Border

The CSS property to change the border of an element to XYZ 60.0116, 61.0827, 47.6569 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, 201, 172) }
```


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

```
.border{ border-color:rgb(227, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 201, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 201, 172); box-shadow:4px 4px 4px 4px rgb(227, 201, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0116, 61.0827, 47.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 172) }
```

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

```
.background{ background-color: rgb(227,  
201, 172) }
```

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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