

Converting Colors

XYZ(57.1305, 59.0257, 47.2619)

Have a look what the booklet for
XYZ(57.1305, 59.0257, 47.2619)
contains.

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Color

**XYZ(57.0832, 58.8855,
47.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC7AC
RGB	219, 199, 172
RGB Percent	86%, 78%, 67%
CMY	0.1412, 0.2196, 0.3255
CMYK	0.00, 0.09, 0.21, 0.14
HSL	34°, 39%, 77%
HSV	34°, 21%, 86%
XYZ	57.0832, 58.8855, 47.3871
YIQ	201.9020, 20.5870, -4.1570

Conversions

Conversions Part 2

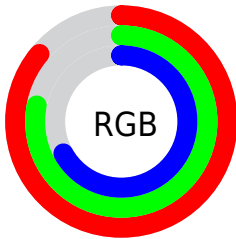
Format	Color
R _Y B	207, 219, 172
Decimal	14403500
CIE Lab	81.23, 2.76, 16.07
CIE LCh	81, 16.307, 80.245
Yxy	58.8855, 0.3494, 0.3605
Android (android.graphics.Color)	4292593580 (0xFFDBC7AC)
YUV	201.9020, -14.7417, 14.9949
Hunter-Lab	76.7369, -1.5066, 17.1026

Details

The XYZ color **57.0832, 58.8855, 47.3871** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.6486, 51.5829, 74.4105**, and the grayscale version is **56.1593, 59.0839, 64.3424**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **28.8254, 29.4994, 21.9440** is the 20% darker color. If you saturate the color by 10%, you get **53.0728, 53.9576, 36.5146**, and if you desaturate by 10%, it is **61.5747, 64.2199, 60.1313**.

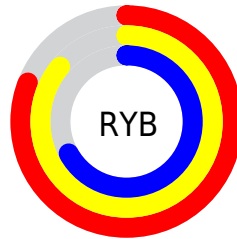
Distribution



Red (86%)

Green (78%)

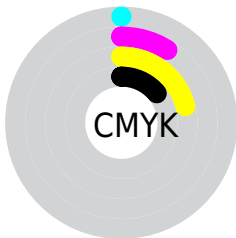
Blue (67%)



Red (81%)

Yellow (86%)

Blue (67%)

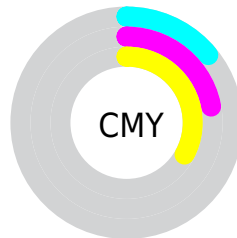


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (14%)



Cyan (14%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0832, 58.8855, 47.3871 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 57.0832, 58.8855, 47.3871 by changing the saturation by 10% instead.


 57.0832, 58.8855,
47.3871

 57.0832, 58.8855,
47.3871


403.7701,
420.4775, 392.7960

 41.3124, 42.5210,
32.9852


 99.7172, 103.2112,
87.6472

 28.7520, 29.5094,
21.8441


127.3112,
131.9412, 114.3425

 19.0367, 19.4665,
13.5452


159.5770,
165.5618, 145.9727

 11.8009, 12.0079,
7.6699

196.8799,
204.4574, 182.9563

 6.6795, 6.7490,
3.7997

239.5853,
249.0123, 225.7119

 3.3070, 3.3056,
1.5161

288.0586,

 1.3181, 1.2933,

299.6111, 274.6580

0.2299

342.6651,
356.6380, 330.2132

■ 0.1967, 0.1360,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0832, 58.8855,
47.3871

■ 57.0832, 58.8855,
47.3871

■ 53.0728, 53.9576,
36.5146

■ 61.5747, 64.2199,
60.1313

■ 49.5195, 49.4167,
27.4201

■ 66.5605, 69.9637,
74.8276

■ 46.4040, 45.2535,
20.0070

■ 72.0595, 76.1300,
91.5559

■ 43.7037, 41.4549,
14.1683

■ 77.3377, 82.4286,
106.4419

■ 41.3935, 38.0068,
9.7843

■ 80.0948, 87.9427,
107.3609

■ 39.4449, 34.8936,
6.7177

■ 82.9939, 93.7410,
108.3273

■ 37.8242, 32.0975,
4.8047

■ 83.0235, 93.8001,
108.3372

■ 36.6528, 29.9386,
3.8469

Harmonies

Analogous

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



60.2519, 58.8855, 50.7804



57.0832, 58.8855, 47.3871



53.7384, 58.8855, 48.1146

Triad

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



57.0832, 58.8855, 47.3871



50.0602, 58.8855, 70.8114



61.1434, 58.8855, 76.8420

Complementary

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



57.0832, 58.8855, 47.3871



48.6486, 51.5829, 74.4105

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.



58.2603, 58.8855, 83.3225



57.0832, 58.8855, 47.3871



51.8939, 58.8855, 79.6038

Square

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



57.0832, 58.8855, 47.3871



49.7737, 58.8855, 60.9979



54.8692, 58.8855, 84.3813



62.6579, 58.8855, 67.3392

Rectangle

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



57.0832, 58.8855, 47.3871



51.8532, 58.8855, 50.8685



54.8692, 58.8855, 84.3813



60.2969, 58.8855, 79.4850

Sweetspot

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



57.0848, 58.8882, 47.3883



90.6422, 94.9705, 95.7584



53.5216, 48.3878, 56.6019



19.3018, 20.2132, 20.2035



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.



57.0848, 58.8882, 47.3883



77.8055, 79.7466, 59.2654



61.0578, 68.2205, 48.9803



13.6741, 14.2876, 13.7626



21.8440, 17.9735, 2.3179



1.4999, 1.3339, 0.1784

Inverse Universe

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



48.6486, 51.5829, 74.4105



63.7506, 67.5778, 104.2915



45.2485, 43.7497, 73.0777



12.7918, 13.5234, 16.5882



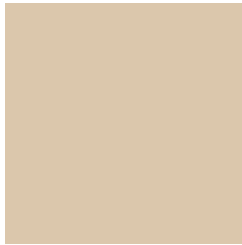
10.0150, 7.8995, 40.7353



0.7331, 0.6803, 2.6671

Previews

White Background



This preview shows how the XYZ color 57.0832, 58.8855, 47.3871 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 57.0832, 58.8855, 47.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

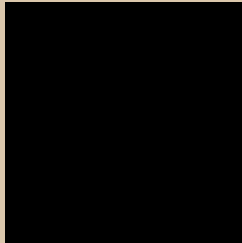
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0832, 58.8855, 47.3871

Background



This preview shows how black text looks on a background with the XYZ color 57.0832, 58.8855, 47.3871.



This preview shows how white text looks on a background with the XYZ color 57.0832, 58.8855,

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

57.0832, 58.8855, 47.3871

Protanopia

55.5808, 58.7875, 47.9529

Deuteranopia

60.1133, 58.7565, 47.7080



Tritanopia

61.5409, 59.0343, 68.4728

Trichromacy



Original Color

57.0832, 58.8855, 47.3871

Protanomaly

56.2214, 58.7728, 47.9163

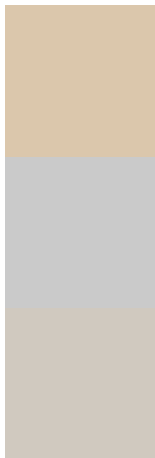
Deuteranomaly

58.9613, 58.8279, 47.7825

Tritanomaly

59.8279, 58.9950, 60.4584

Monochromacy



Original Color

57.0832, 58.8855, 47.3871

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3030, 58.9448, 57.7002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0832, 58.8855, 47.3871 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(219, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 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(219, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 172) }
```

Border

The CSS property to change the border of an element to XYZ 57.0832, 58.8855, 47.3871 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(219, 199, 172) }
```


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

```
.border{ border-color:rgb(219, 199, 172) }
```

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

Here you see how a box with a 4 pixel rgb(219, 199, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0832, 58.8855, 47.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 172) }
```

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

```
.background{ background-color: rgb(219,  
199, 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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