

Converting Colors

XYZ(49.3940, 48.5837, 43.3453)

Have a look what the booklet for
XYZ(49.3940, 48.5837, 43.3453)
contains.

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Color

**XYZ(49.3896, 48.5855,
43.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B3A7
RGB	209, 179, 167
RGB Percent	82%, 70%, 65%
CMY	0.1804, 0.2980, 0.3451
CMYK	0.00, 0.14, 0.20, 0.18
HSL	17°, 31%, 74%
HSV	17°, 20%, 82%
XYZ	49.3896, 48.5855, 43.3340
YIQ	186.6020, 21.7320, 2.6280

Conversions

Conversions Part 2

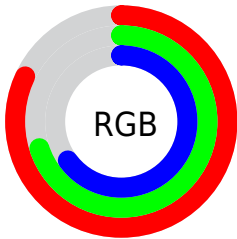
Format	Color
R_{YB}	209, 184, 167
Decimal	13743015
CIE Lab	75.19, 8.91, 10.12
CIE LCh	75, 13.477, 48.638
Yxy	48.5855, 0.3495, 0.3438
Android (android.graphics.Color)	4291933095 (0xFFD1B3A7)
YUV	186.6020, -9.6638, 19.6430
Hunter-Lab	69.7033, 4.4988, 11.9322

Details

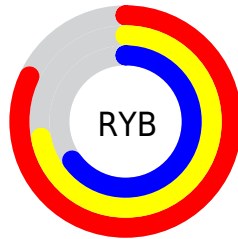
The XYZ color **49.3896, 48.5855, 43.3340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4108, 52.7500, 68.0048**, and the grayscale version is **47.0551, 49.5056, 53.9116**.

A 20% lighter version of the original color is **84.1331, 85.9506, 81.2631**, and **23.8818, 23.0295, 19.4061** is the 20% darker color. If you saturate the color by 10%, you get **44.7803, 42.2129, 33.0232**, and if you desaturate by 10%, it is **54.6377, 55.7351, 55.3994**.

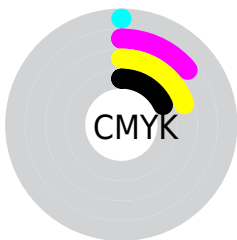
Distribution



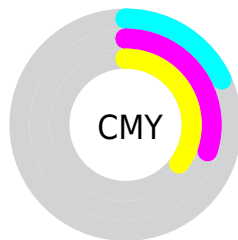
- Red (82%)
- Green (70%)
- Blue (65%)



- Red (82%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3896, 48.5855, 43.3340 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 49.3896, 48.5855, 43.3340 by changing the saturation by 10% instead.


 49.3896, 48.5855,
43.3340


 49.3896, 48.5855,
43.3340

374.7656,
381.1082, 375.9450

 35.1444, 34.2908,
29.8139


 88.4671, 88.0755,
81.5064

 23.9412, 23.1171,
19.4465


 114.0301,
114.0396, 106.9958

 15.4145, 14.6800,
11.8133


144.0964,
144.6623, 137.3120

 9.1990, 8.5951,
6.4957

179.0315,
180.3279, 172.8737

 4.9294, 4.4780,
3.0751

219.2006,
221.4210, 214.0993

 2.2402, 1.9444,
1.1331

264.9691,

 0.7638, 0.5749,

268.3258, 261.4073

0.0000

316.7023,
321.4267, 315.2164

■ 0.0000, 0.0000,
0.0000

■ 49.3896, 48.5855,
43.3340

■ 49.3896, 48.5855,
43.3340

■ 44.7803, 42.2129,
33.0232

■ 54.6377, 55.7351,
55.3994

■ 40.7807, 36.5842,
24.3816

■ 60.5444, 63.6804,
69.2933

■ 37.3649, 31.6736,
17.3213

■ 67.1335, 72.4475,
85.0887

■ 34.5039, 27.4510,
11.7451

■ 74.4265, 82.0594,
102.8541

■ 32.1658, 23.8845,
7.5447

■ 79.6716, 91.4294,
108.0562

■ 30.3150, 20.9389,
4.5971

■ 80.1046, 92.2954,
108.2006

■ 28.9108, 18.5756,
2.7567

■ 27.8966, 16.7594,
1.7646

Harmonies

Analogous

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



50.8278, 48.5855, 48.6719



49.3896, 48.5855, 43.3340



47.1212, 48.5855, 40.6538

Triad

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



49.3896, 48.5855, 43.3340



41.6770, 48.5855, 50.2663



47.7138, 48.5855, 66.8669

Complementary

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



49.3896, 48.5855, 43.3340



47.4108, 52.7500, 68.0048

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.



45.2496, 48.5855, 67.3905



49.3896, 48.5855, 43.3340



41.8228, 48.5855, 57.3690

Square

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



49.3896, 48.5855, 43.3340



42.7049, 48.5855, 44.4114



43.1108, 48.5855, 63.7824



49.8367, 48.5855, 62.4097

Rectangle

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



49.3896, 48.5855, 43.3340



45.4694, 48.5855, 40.5596



43.1108, 48.5855, 63.7824



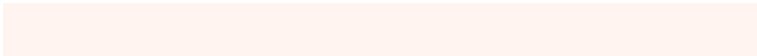
46.8961, 48.5855, 67.5226

Sweetspot

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



49.3909, 48.5877, 43.3350



89.2963, 92.2787, 95.3098



50.2031, 45.2291, 58.9679



18.9840, 19.5776, 20.0975



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.



49.3909, 48.5877, 43.3350



74.3220, 71.8797, 60.8782



53.9010, 57.6080, 44.8384



12.0800, 12.3507, 12.3593



17.2735, 10.4801, 1.1124



1.0339, 0.7221, 0.0849

Inverse Universe

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



47.4108, 52.7500, 68.0048



70.6784, 79.5260, 106.2327



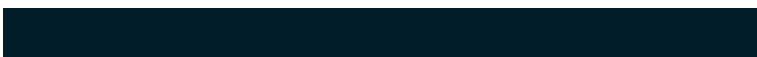
42.9905, 43.9094, 66.5314



11.8610, 12.8122, 15.0915



13.8362, 16.3189, 39.6131



0.8395, 1.0443, 2.2369

Previews

White Background



This preview shows how the XYZ color 49.3896, 48.5855, 43.3340 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 49.3896, 48.5855, 43.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

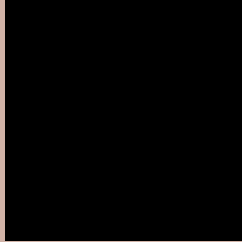
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3896, 48.5855, 43.3340

Background



This preview shows how black text looks on a background with the XYZ color 49.3896, 48.5855, 43.3340.



This preview shows how white text looks on a background with the XYZ color 49.3896, 48.5855,

43.3340.

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

49.3896, 48.5855, 43.3340

Protanopia

46.3429, 48.8067, 45.0083

Deuteranopia

49.6735, 48.7319, 43.3473



Tritanopia

51.8620, 48.7218, 54.8149

Trichromacy



Original Color

49.3896, 48.5855, 43.3340

Protanomaly

47.3836, 48.7373, 44.4460

Deuteranomaly

49.6735, 48.7319, 43.3473

Tritanomaly

50.9266, 48.6294, 50.4183

Monochromacy



Original Color

49.3896, 48.5855, 43.3340

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8844, 49.1784, 50.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3896, 48.5855, 43.3340 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(209, 179, 167)` looks like.

```
.text, #text, p{  
    color:rgb(209, 179, 167)  
}
```

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(209, 179, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 179, 167) }
```

Border

The CSS property to change the border of an element to XYZ 49.3896, 48.5855, 43.3340 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(209, 179, 167) }
```


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

```
.border{ border-color:rgb(209, 179, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 179, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(209, 179,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3896, 48.5855, 43.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 179, 167) }
```

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

```
.background{ background-color: rgb(209,  
179, 167) }
```

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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