

Converting Colors

XYZ(43.3646, 43.0009, 37.5270)

Have a look what the booklet for
XYZ(43.3646, 43.0009, 37.5270)
contains.

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Color

**XYZ(43.4014, 43.0201,
37.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AA9C
RGB	197, 170, 156
RGB Percent	77%, 67%, 61%
CMY	0.2275, 0.3333, 0.3882
CMYK	0.00, 0.14, 0.21, 0.23
HSL	20°, 26%, 69%
HSV	20°, 21%, 77%
XYZ	43.4014, 43.0201, 37.4687
YIQ	176.4770, 20.5860, 1.3700

Conversions

Conversions Part 2

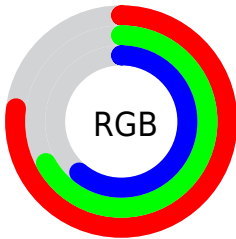
Format	Color
RYB	197, 177, 156
Decimal	12954268
CIELab	71.57, 7.58, 10.83
CIELCh	72, 13.216, 55.019
Yxy	43.0201, 0.3503, 0.3472
Android (android.graphics.Color)	4291144348 (0xFFC5AA9C)
YUV	176.4770, -10.0952, 17.9987
Hunter-Lab	65.5897, 3.3333, 12.0429

Details

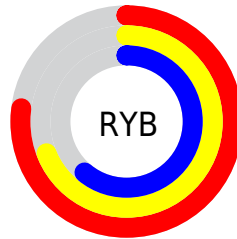
The XYZ color **43.4014, 43.0201, 37.4687** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7214, 44.9648, 59.3563**, and the grayscale version is **41.5605, 43.7248, 47.6163**.

A 20% lighter version of the original color is **79.4311, 79.5744, 72.1457**, and **20.3559, 19.8164, 16.1167** is the 20% darker color. If you saturate the color by 10%, you get **39.5541, 37.7819, 28.6129**, and if you desaturate by 10%, it is **47.7616, 48.8503, 47.8313**.

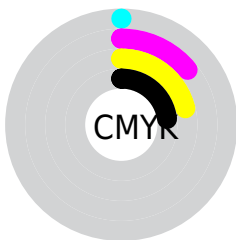
Distribution



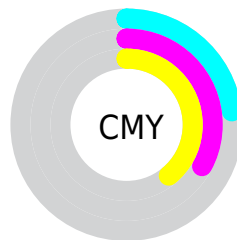
- Red (77%)
- Green (67%)
- Blue (61%)



- Red (77%)
- Yellow (69%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4014, 43.0201, 37.4687 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 43.4014, 43.0201, 37.4687 by changing the saturation by 10% instead.


 43.4014, 43.0201,
37.4687


 43.4014, 43.0201,
37.4687


351.1535,
358.6944, 350.5649

 30.3961, 29.9009,
25.2720


 79.5682, 79.7412,
72.4874

 20.2890, 19.7634,
16.0589

 103.4603,
104.1119, 96.1465

 12.7148, 12.2232,
9.4111


131.7122,
133.0018, 124.4634

 7.3081, 6.8958,
4.9098

164.6890,
166.7954, 157.8568

 3.7035, 3.3970,
2.1366

202.7562,
205.8771, 196.7450

 1.5358, 1.3424,
0.6374

246.2791,

 0.3500, 0.1737,

250.6312, 241.5468

0.0000

295.6231,
301.4422, 292.6806

■ 0.0000, 0.0000,
0.0000

■ 43.4014, 43.0201,
37.4687

■ 43.4014, 43.0201,
37.4687

■ 39.5541, 37.7819,
28.6129

■ 47.7616, 48.8503,
47.8313

■ 36.1963, 33.1108,
21.1903

■ 52.6499, 55.2848,
59.7641

■ 33.3077, 28.9888,
15.1250

■ 58.0853, 62.3429,
73.3303

■ 30.8653, 25.3942,
10.3333

■ 64.0848, 70.0411,
88.5886

■ 28.8439, 22.3043,
6.7217

■ 70.6644, 78.3954,
105.5949

■ 27.2152, 19.6942,
4.1839

■ 74.5919, 86.1221,
107.2996

■ 25.9469, 17.5362,
2.5939

■ 76.8360, 90.6103,
108.0476

■ 25.0503, 15.9190,
1.7524

Harmonies

Analogous

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



44.9061, 43.0201, 41.8296



43.4014, 43.0201, 37.4687



41.2633, 43.0201, 35.6250

Triad

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



43.4014, 43.0201, 37.4687



36.7580, 43.0201, 45.7817



42.7328, 43.0201, 58.8954

Complementary

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



43.4014, 43.0201, 37.4687



40.7214, 44.9648, 59.3563

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.



40.5176, 43.0201, 60.1954



43.4014, 43.0201, 37.4687



37.1195, 43.0201, 52.2387

Square

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



43.4014, 43.0201, 37.4687



37.4702, 43.0201, 40.1376



38.4761, 43.0201, 57.6601



44.5103, 43.0201, 54.2533

Rectangle

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



43.4014, 43.0201, 37.4687



39.7864, 43.0201, 35.9373



38.4761, 43.0201, 57.6601



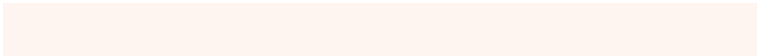
42.0125, 43.0201, 59.7547

Sweetspot

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



43.4026, 43.0220, 37.4696



89.5536, 92.7935, 95.3956



43.4968, 39.0805, 50.2330



19.0447, 19.6990, 20.1178



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.



43.4026, 43.0220, 37.4696



74.4720, 72.6335, 59.5292



47.4765, 51.1700, 38.8276



10.9251, 11.2193, 11.1525



16.5470, 10.6112, 1.1760



0.8510, 0.6374, 0.0782

Inverse Universe

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



40.7214, 44.9648, 59.3563



68.8015, 76.7343, 105.7927



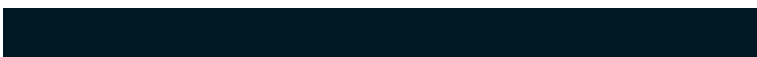
36.8564, 37.2349, 58.0680



10.6299, 11.4338, 13.5642



11.9342, 13.2624, 36.6753



0.6304, 0.7586, 1.7583

Previews

White Background



This preview shows how the XYZ color 43.4014, 43.0201, 37.4687 looks on a white background.

Color Contrast Check

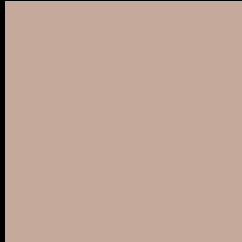
Large Text (above 18pt) WCAG AA × Fail

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 43.4014, 43.0201, 37.4687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

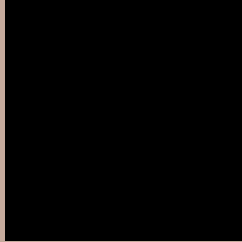
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4014, 43.0201, 37.4687

Background



This preview shows how black text looks on a background with the XYZ color 43.4014, 43.0201, 37.4687.



This preview shows how white text looks on a background with the XYZ color 43.4014, 43.0201,

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

43.4014, 43.0201, 37.4687

Protanopia

41.1164, 43.2304, 38.9781

Deuteranopia

43.7419, 42.9183, 37.4311



Tritanopia

45.8764, 43.2121, 49.1028

Trichromacy



Original Color

43.4014, 43.0201, 37.4687

Protanomaly

41.8542, 43.0471, 38.4507

Deuteranomaly

43.4774, 42.7820, 37.4187

Tritanomaly

44.9065, 43.0877, 44.4780

Monochromacy



Original Color

43.4014, 43.0201, 37.4687

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0646, 43.3270, 43.6820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4014, 43.0201, 37.4687 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(197, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 156)  
}
```

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(197, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.4014, 43.0201, 37.4687 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(197, 170, 156) }
```


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

```
.border{ border-color:rgb(197, 170, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 170, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4014, 43.0201, 37.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 170, 156) }
```

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

```
.background{ background-color: rgb(197,  
170, 156) }
```

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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