

Converting Colors

XYZ(43.4746, 43.7359, 37.3723)

Have a look what the booklet for
XYZ(43.4746, 43.7359, 37.3723)
contains.

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Color

**XYZ(43.4339, 43.6074,
37.1382)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AC9B
RGB	196, 172, 155
RGB Percent	77%, 67%, 61%
CMY	0.2314, 0.3255, 0.3922
CMYK	0.00, 0.12, 0.21, 0.23
HSL	25°, 26%, 69%
HSV	25°, 21%, 77%
XYZ	43.4339, 43.6074, 37.1382
YIQ	177.2380, 19.7610, -0.1990

Conversions

Conversions Part 2

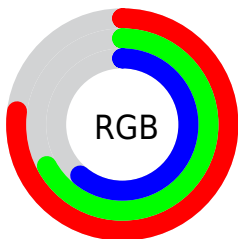
Format	Color
R _Y B	196, 184, 155
Decimal	12889243
CIE Lab	71.97, 5.96, 11.93
CIE LCh	72, 13.333, 63.435
Yxy	43.6074, 0.3498, 0.3512
Android (android.graphics.Color)	4291079323 (0xFFC4AC9B)
YUV	177.2380, -10.9633, 16.4543
Hunter-Lab	66.0359, 1.8423, 12.8808

Details

The XYZ color **43.4339, 43.6074, 37.1382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6012, 43.1932, 58.4748**, and the grayscale version is **41.9646, 44.1500, 48.0794**.

A 20% lighter version of the original color is **79.4857, 80.4243, 71.6557**, and **20.3705, 20.1832, 15.9188** is the 20% darker color. If you saturate the color by 10%, you get **39.8301, 38.8235, 28.4645**, and if you desaturate by 10%, it is **47.4957, 48.8791, 47.2838**.

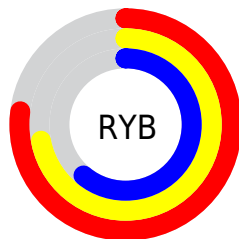
Distribution



Red (77%)

Green (67%)

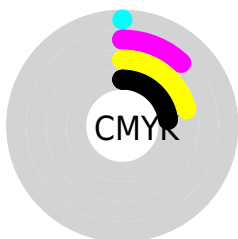
Blue (61%)



Red (77%)

Yellow (72%)

Blue (61%)

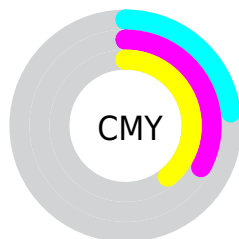


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4339, 43.6074, 37.1382 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 43.4339, 43.6074, 37.1382 by changing the saturation by 10% instead.


 43.4339, 43.6074,
37.1382


 43.4339, 43.6074,
37.1382


351.2845,
361.1038, 349.0952

 30.4217, 30.3620,
25.0179


 79.6169, 80.6267,
71.9740

 20.3086, 20.1135,
15.8712


 103.5183,
105.1693, 95.5265

 12.7291, 12.4776,
9.2797


131.7803,
134.2464, 123.7269

 7.3180, 7.0698,
4.8248

164.7680,
168.2425, 156.9937

 3.7098, 3.5058,
2.0879

202.8470,
207.5418, 195.7453

 1.5393, 1.4011,
0.6085

246.3825,

 0.3524, 0.2176,

252.5289, 240.4004

0.0000

295.7399,
303.5881, 291.3775

■ 0.0000, 0.0000,
0.0000

■ 43.4339, 43.6074,
37.1382

■ 43.4339, 43.6074,
37.1382

■ 39.8301, 38.8235,
28.4645

■ 47.4957, 48.8791,
47.2838

■ 36.6632, 34.5068,
21.1906

■ 52.0287, 54.6467,
58.9633

■ 33.9156, 30.6439,
15.2423

■ 57.0497, 60.9253,
72.2384

■ 31.5668, 27.2184,
10.5375

■ 62.5735, 67.7279,
87.1667

■ 29.5943, 24.2127,
6.9848

■ 68.6144, 75.0667,
103.8028

■ 27.9732, 21.6077,
4.4798

■ 72.2210, 81.7676,
106.5840

■ 26.6744, 19.3822,
2.8990

■ 75.7211, 88.7679,
107.7507

■ 25.7289, 17.6635,
2.0533

■ 76.5751, 90.4758,
108.0354

Harmonies

Analogous

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



45.2046, 43.6074, 40.9101



43.4339, 43.6074, 37.1382



41.1861, 43.6074, 36.0459

Triad

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



43.4339, 43.6074, 37.1382



37.2343, 43.6074, 48.2352



43.9037, 43.6074, 58.7167

Complementary

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



43.4339, 43.6074, 37.1382



39.6012, 43.1932, 58.4748

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.



41.7100, 43.6074, 61.1101



43.4339, 43.6074, 37.1382



37.9046, 43.6074, 54.7204

Square

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



43.4339, 43.6074, 37.1382



37.6584, 43.6074, 42.0980



39.5227, 43.6074, 59.5853



45.4827, 43.6074, 53.3044

Rectangle

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



43.4339, 43.6074, 37.1382



39.7328, 43.6074, 36.8933



39.5227, 43.6074, 59.5853



43.2109, 43.6074, 59.9223

Sweetspot

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



43.4351, 43.6094, 37.1391



89.8932, 93.4726, 95.5087



42.6843, 38.4580, 48.1406



19.1249, 19.8593, 20.1445



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.



43.4351, 43.6094, 37.1391



75.6623, 75.0143, 59.9260



47.5094, 51.7581, 38.4972



10.4087, 10.7488, 10.5880



16.6125, 11.5108, 1.3462



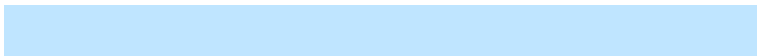
0.7857, 0.6332, 0.0808

Inverse Universe

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



39.6012, 43.1932, 58.4748



67.4968, 74.1248, 105.3578



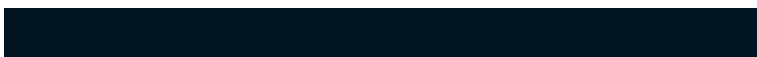
35.8973, 35.7854, 57.2402



10.0071, 10.7054, 12.8238



10.4070, 10.5705, 35.0484



0.5163, 0.5901, 1.5366

Previews

White Background



This preview shows how the XYZ color 43.4339, 43.6074, 37.1382 looks on a white background.

Color Contrast Check

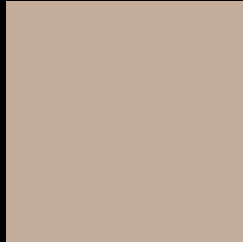
Large Text (above 18pt) WCAG AA × Fail

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 43.4339, 43.6074, 37.1382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

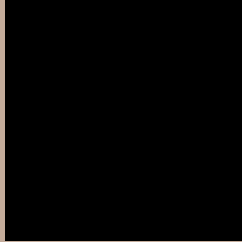
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4339, 43.6074, 37.1382

Background



This preview shows how black text looks on a background with the XYZ color 43.4339, 43.6074, 37.1382.



This preview shows how white text looks on a background with the XYZ color 43.4339, 43.6074,

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

43.4339, 43.6074, 37.1382

Protanopia

41.3783, 43.6753, 38.1476

Deuteranopia

44.3785, 43.5335, 37.0742



Tritanopia

45.8963, 43.4836, 49.6902

Trichromacy



Original Color

43.4339, 43.6074, 37.1382

Protanomaly

42.0698, 43.7516, 37.6801

Deuteranomaly

44.0325, 43.6345, 37.1119

Tritanomaly

44.9231, 43.3603, 45.0314

Monochromacy



Original Color

43.4339, 43.6074, 37.1382

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2586, 43.7149, 43.7467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4339, 43.6074, 37.1382 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(196, 172, 155)` looks like.

```
.text, #text, p{  
    color:rgb(196, 172, 155)  
}
```

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(196, 172, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 172, 155) }
```

Border

The CSS property to change the border of an element to XYZ 43.4339, 43.6074, 37.1382 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(196, 172, 155) }
```


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

```
.border{ border-color:rgb(196, 172, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 172, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 172, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 172, 155);  
box-shadow:4px 4px 4px 4px rgb(196, 172,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4339, 43.6074, 37.1382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 172, 155) }
```

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

```
.background{ background-color: rgb(196,  
172, 155) }
```

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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