

Converting Colors

XYZ(44.0696, 49.4519, 37.5277)

Have a look what the booklet for
XYZ(44.0696, 49.4519, 37.5277)
contains.

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Color

**XYZ(43.9304, 49.3172,
37.3408)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BE99
RGB	184, 190, 153
RGB Percent	72%, 75%, 60%
CMY	0.2784, 0.2549, 0.4000
CMYK	0.03, 0.00, 0.19, 0.25
HSL	70°, 22%, 67%
HSV	70°, 19%, 75%
XYZ	43.9304, 49.3172, 37.3408
YIQ	183.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

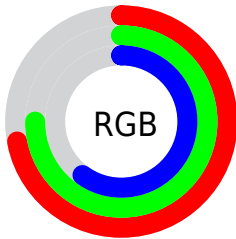
Format	Color
RYB	153, 190, 159
Decimal	12107417
CIELab	75.65, -8.45, 18.02
CIELCh	76, 19.904, 115.121
Yxy	49.3172, 0.3364, 0.3777
Android (android.graphics.Color)	4290297497 (0xFFB8BE99)
YUV	183.9880, -15.2771, 0.0105
Hunter-Lab	70.2262, -11.2342, 17.6326

Details

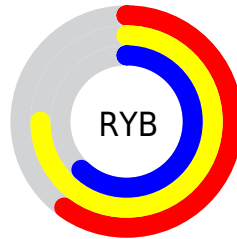
The XYZ color **43.9304, 49.3172, 37.3408** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9855, 33.8725, 53.4121**, and the grayscale version is **45.6330, 48.0094, 52.2823**.

A 20% lighter version of the original color is **80.1534, 88.9418, 71.9744**, and **20.7040, 23.6759, 16.0491** is the 20% darker color. If you saturate the color by 10%, you get **41.7544, 48.3640, 29.6892**, and if you desaturate by 10%, it is **46.3751, 50.3830, 46.3115**.

Distribution



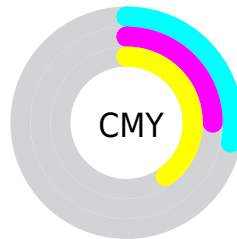
- Red (72%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)





- Cyan (28%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9304, 49.3172, 37.3408 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 43.9304, 49.3172, 37.3408 by changing the saturation by 10% instead.


 43.9304, 49.3172,
37.3408

 43.9304, 49.3172,
37.3408


353.2812,
383.9897, 349.9967

 30.8135, 34.8712,
25.1736


 80.3600, 89.1624,
72.2888

 20.6080, 23.5637,
15.9863


 104.4034,
115.3303, 95.9067

 12.9486, 15.0103,
9.3602

132.8196,
146.1744, 124.1786

 7.4699, 8.8266,
4.8768


165.9741,
182.0789, 157.5230

 3.8066, 4.6282,
2.1177

204.2321,
223.4283, 196.3585

 1.5933, 2.0308,
0.6263

247.9591,

 0.3880, 0.6253,

270.6070, 241.1035

0.0000

297.5203,
323.9993, 292.1768

■ 0.0000, 0.0000,
0.0000

■ 43.9304, 49.3172,
37.3408

■ 43.9304, 49.3172,
37.3408

■ 41.7544, 48.3640,
29.6892

■ 46.3751, 50.3830,
46.3115

■ 39.8312, 47.5122,
23.2913

■ 49.0956, 51.5593,
56.6561

■ 38.1492, 46.7587,
18.0810

■ 52.1038, 52.8526,
68.4302

■ 36.6946, 46.0980,
13.9849

■ 55.4095, 54.2668,
81.6855

■ 35.4515, 45.5237,
10.9213

■ 59.0221, 55.8057,
96.4710

■ 34.4024, 45.0287,
8.7976

■ 60.9569, 56.6753,
102.3344

■ 33.5263, 44.6048,
7.5043

■ 61.8022, 57.1111,
102.3740

■ 32.7847, 44.2365,
6.8392

■ 62.6644, 57.5555,
102.4143

■ 32.7471, 44.2177,
6.8089

■ 63.5434, 58.0087,
102.4554

Harmonies

Analogous

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



47.4798, 49.3172, 35.9107



43.9304, 49.3172, 37.3408



41.2988, 49.3172, 42.9097

Triad

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



43.9304, 49.3172, 37.3408



42.9383, 49.3172, 72.1246



54.2947, 49.3172, 55.4426

Complementary

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



43.9304, 49.3172, 37.3408



34.9855, 33.8725, 53.4121

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.



52.9308, 49.3172, 66.1582



43.9304, 49.3172, 37.3408



46.2744, 49.3172, 76.5608

Square

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



43.9304, 49.3172, 37.3408



40.7474, 49.3172, 62.7816



49.9473, 49.3172, 74.2463



53.5870, 49.3172, 45.5358

Rectangle

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



43.9304, 49.3172, 37.3408



40.3546, 49.3172, 48.6540



49.9473, 49.3172, 74.2463



54.0614, 49.3172, 59.0791

Sweetspot

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



43.9317, 49.3194, 37.3419



85.6417, 91.9930, 89.9662



39.3076, 37.8902, 35.3795



18.7360, 20.1705, 19.4909



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9317, 49.3194, 37.3419



78.0123, 88.6713, 61.9825



39.8804, 47.2308, 37.1523



10.1661, 11.0400, 10.1718



21.8296, 29.4294, 4.5299



0.8963, 1.1740, 0.1794

Inverse Universe

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



34.9855, 33.8725, 53.4121



59.0926, 56.0001, 95.9737



38.8300, 35.8543, 53.5920



9.1569, 9.2977, 11.9842



6.5974, 2.6871, 32.5639



0.3042, 0.1289, 1.2777

Previews

White Background



This preview shows how the XYZ color 43.9304, 49.3172, 37.3408 looks on a white background.

Color Contrast Check

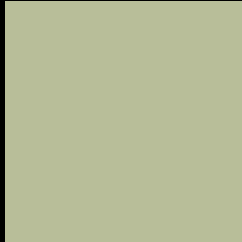
Large Text (above 18pt) WCAG AA × Fail

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 43.9304, 49.3172, 37.3408 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

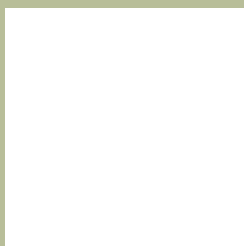
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9304, 49.3172, 37.3408

Background



This preview shows how black text looks on a background with the XYZ color 43.9304, 49.3172, 37.3408.



This preview shows how white text looks on a background with the XYZ color 43.9304, 49.3172,

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

43.9304, 49.3172, 37.3408

Protanopia

46.1708, 49.2225, 36.3456

Deuteranopia

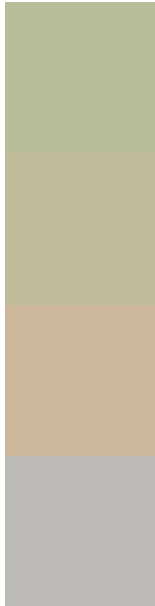
50.0608, 49.0538, 37.8402



Tritanopia

48.5687, 49.3053, 60.3831

Trichromacy



Original Color

43.9304, 49.3172, 37.3408

Protanomaly

45.1760, 49.0141, 36.7854

Deuteranomaly

47.6681, 49.0374, 37.5246

Tritanomaly

46.7414, 49.1866, 51.2864

Monochromacy



Original Color

43.9304, 49.3172, 37.3408

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8689, 48.3253, 46.4980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9304, 49.3172, 37.3408 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(184, 190, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 153)  
}
```

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(184, 190, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.9304, 49.3172, 37.3408 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(184, 190, 153) }
```


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

```
.border{ border-color:rgb(184, 190, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9304, 49.3172, 37.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 153) }
```

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

```
.background{ background-color: rgb(184,  
190, 153) }
```

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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