

Converting Colors

XYZ(44.1963, 44.8089, 37.5794)

Have a look what the booklet for
XYZ(44.1963, 44.8089, 37.5794)
contains.

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Color

**XYZ(44.3567, 44.9306,
37.7871)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C5AF9C |
| RGB | 197, 175, 156 |
| RGB Percent | 77%, 69%, 61% |
| CMY | 0.2274, 0.3137, 0.3882 |
| CMYK | 0.00, 0.11, 0.21, 0.23 |
| HSL | 28°, 26%, 69% |
| HSV | 28°, 21%, 77% |
| XYZ | 44.3567, 44.9306, 37.7871 |
| YIQ | 179.4120, 19.2110, -1.2450 |

Conversions

Conversions Part 2

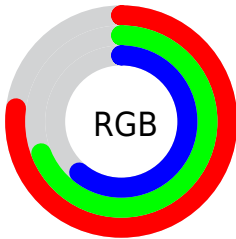
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 197, 191, 156 |
| Decimal | 12955548 |
| CIELab | 72.85, 4.87, 12.64 |
| CIElCh | 73, 13.543, 68.905 |
| Yxy | 44.9306, 0.3491, 0.3536 |
| Android (android.graphics.Color) | 4291145628 (0xFFC5AF9C) |
| YUV | 179.4120, -11.5421, 15.4247 |
| Hunter-Lab | 67.0303, 0.8178, 13.4976 |

Details

The XYZ color **44.3567, 44.9306, 37.7871** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7084, 42.9388, 59.0188**, and the grayscale version is **43.1211, 45.3668, 49.4044**.

A 20% lighter version of the original color is **81.2068, 82.9258, 73.3542**, and **20.9605, 21.0255, 16.3182** is the 20% darker color. If you saturate the color by 10%, you get **40.8451, 40.3639, 29.0432**, and if you desaturate by 10%, it is **48.3023, 49.9317, 48.0115**.

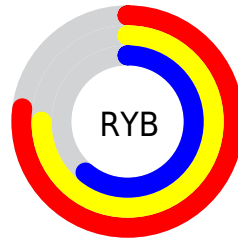
Distribution



Red (77%)

Green (69%)

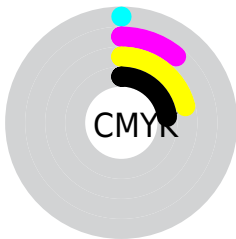
Blue (61%)



Red (77%)

Yellow (75%)

Blue (61%)

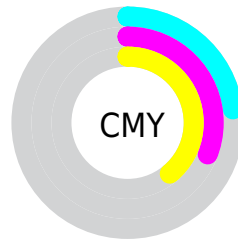


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3567, 44.9306, 37.7871 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 44.3567, 44.9306, 37.7871 by changing the saturation by 10% instead.


 44.3567, 44.9306,
37.7871


 44.3567, 44.9306,
37.7871


354.9896,
366.4924, 351.9766

 31.1501, 31.4028,
25.5169


 80.9972, 82.6163,
72.9815

 20.8656, 20.9057,
16.2401


 105.1620,
107.5429, 96.7428

 13.1377, 13.0551,
9.5380


133.7101,
137.0379, 125.1716

 7.6011, 7.4665,
4.9922

167.0070,
171.4856, 158.6864

 3.8904, 3.7555,
2.1840

205.4180,
211.2706, 197.7058

 1.6403, 1.5378,
0.6651

249.3086,

 0.4185, 0.3151,

256.7771, 242.6482

0.0000

299.0440,
308.3896, 293.9323

■ 0.0000, 0.0000,
0.0000

■ 44.3567, 44.9306,
37.7871

■ 44.3567, 44.9306,
37.7871

■ 40.8451, 40.3639,
29.0432

■ 48.3023, 49.9317,
48.0115

■ 37.7473, 36.2128,
21.7072

■ 52.6940, 55.3729,
59.7788

■ 35.0465, 32.4663,
15.7046

■ 57.5479, 61.2679,
73.1512

■ 32.7233, 29.1102,
10.9526

■ 62.8780, 67.6274,
88.1864

■ 30.7565, 26.1294,
7.3592

■ 68.6978, 74.4621,
104.9395

■ 29.1220, 23.5076,
4.8195

■ 71.7724, 80.4831,
106.3597

■ 27.7920, 21.2263,
3.2089

■ 74.9477, 86.8335,
107.4181

■ 26.7939, 19.4061,
2.3336

■ 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



46.3288, 44.9306, 41.2170



44.3567, 44.9306, 37.7871



42.0077, 44.9306, 37.1899

Triad

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



44.3567, 44.9306, 37.7871



38.3837, 44.9306, 50.9578



45.6142, 44.9306, 59.7297

Complementary

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



44.3567, 44.9306, 37.7871



39.7084, 42.9388, 59.0188

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.



43.4103, 44.9306, 62.8930



44.3567, 44.9306, 37.7871



39.2756, 44.9306, 57.5314

Square

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



44.3567, 44.9306, 37.7871



38.6161, 44.9306, 44.3987



41.0952, 44.9306, 62.0535



47.0732, 44.9306, 53.7421

Rectangle

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



44.3567, 44.9306, 37.7871



40.5525, 44.9306, 38.4193



41.0952, 44.9306, 62.0535



44.9327, 44.9306, 61.1825

Sweetspot

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



44.3579, 44.9326, 37.7880



90.1207, 93.9277, 95.5846



43.0061, 38.8843, 47.6488



19.1786, 19.9668, 20.1624



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.



44.3579, 44.9326, 37.7880



76.4749, 76.6394, 60.1968



48.5310, 53.2788, 39.1791



11.0323, 11.4337, 11.1882



17.7053, 12.9278, 1.5621



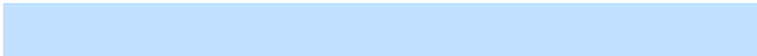
0.9106, 0.7567, 0.0981

Inverse Universe

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



39.7084, 42.9388, 59.0188



66.6461, 72.4234, 105.0742



36.0243, 35.5705, 57.7907



10.5200, 11.2141, 13.5276



10.0821, 9.5581, 36.0579



0.5493, 0.5965, 1.7313

Previews

White Background



This preview shows how the XYZ color 44.3567, 44.9306, 37.7871 looks on a white background.

Color Contrast Check

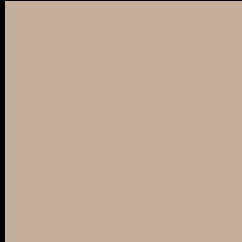
Large Text (above 18pt) WCAG AA × Fail

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 44.3567, 44.9306, 37.7871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

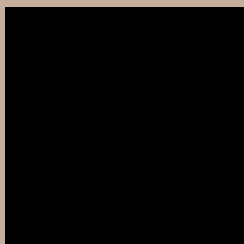
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3567, 44.9306, 37.7871

Background



This preview shows how black text looks on a background with the XYZ color 44.3567, 44.9306, 37.7871.



This preview shows how white text looks on a background with the XYZ color 44.3567, 44.9306,

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

44.3567, 44.9306, 37.7871

Protanopia

42.5855, 44.8742, 38.7648

Deuteranopia

45.7402, 44.7767, 38.1303



Tritanopia

47.3020, 45.0040, 51.5410

Trichromacy



Original Color

44.3567, 44.9306, 37.7871

Protanomaly

43.2938, 44.9550, 38.2936

Deuteranomaly

45.1168, 44.7390, 38.1559

Tritanomaly

46.2119, 44.8404, 46.2638

Monochromacy



Original Color

44.3567, 44.9306, 37.7871

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.5208, 45.2202, 44.9627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3567, 44.9306, 37.7871 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, 175, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 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, 175, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 156) }
```

Border

The CSS property to change the border of an element to XYZ 44.3567, 44.9306, 37.7871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

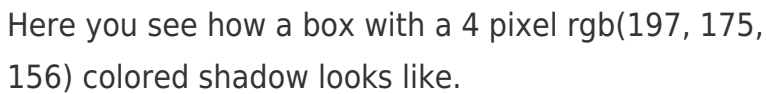
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 175, 156) }
```


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

```
.border{ border-color:rgb(197, 175, 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, 175, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3567, 44.9306, 37.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 156) }
```

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

```
.background{ background-color: rgb(197,  
175, 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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