

Converting Colors

XYZ(43.8674, 43.2950, 39.6188)

Have a look what the booklet for
XYZ(43.8674, 43.2950, 39.6188)
contains.

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Color

**XYZ(43.8337, 43.1930,
39.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AAA1
RGB	197, 170, 161
RGB Percent	77%, 67%, 63%
CMY	0.2274, 0.3333, 0.3686
CMYK	0.00, 0.14, 0.18, 0.23
HSL	15°, 24%, 70%
HSV	15°, 18%, 77%
XYZ	43.8337, 43.1930, 39.7450
YIQ	177.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

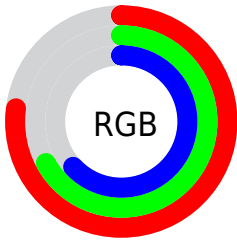
Format	Color
RYB	197, 173, 161
Decimal	12954273
CIELab	71.69, 8.35, 8.25
CIELCh	72, 11.734, 44.661
Yxy	43.1930, 0.3458, 0.3407
Android (android.graphics.Color)	4291144353 (0xFFC5AAA1)
YUV	177.0470, -7.9112, 17.4988
Hunter-Lab	65.7214, 4.0404, 10.1493

Details

The XYZ color **43.8337, 43.1930, 39.7450** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7588, 47.5735, 59.7526**, and the grayscale version is **41.8489, 44.0283, 47.9468**.

A 20% lighter version of the original color is **80.1929, 79.8791, 76.1573**, and **20.6206, 19.9223, 17.5104** is the 20% darker color. If you saturate the color by 10%, you get **39.6163, 37.3225, 30.4329**, and if you desaturate by 10%, it is **48.6385, 49.7994, 50.6043**.

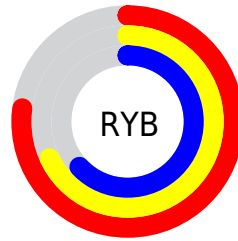
Distribution



Red (77%)

Green (67%)

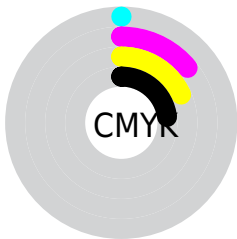
Blue (63%)



Red (77%)

Yellow (68%)

Blue (63%)

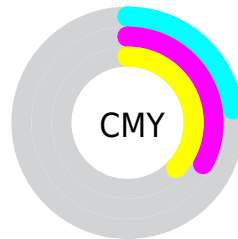


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8337, 43.1930, 39.7450 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 43.8337, 43.1930, 39.7450 by changing the saturation by 10% instead.


 43.8337, 43.1930,
39.7450


 43.8337, 43.1930,
39.7450


352.8929,
359.4049, 360.5677

 30.7371, 30.0366,
27.0275


 80.2153, 80.0020,
76.0079

 20.5496, 19.8664,
17.3613

 104.2311,
104.4234, 100.3904

 12.9058, 12.2979,
10.3277


132.6174,
133.3686, 129.4982

 7.4402, 6.9469,
5.5083

165.7394,
167.2219, 163.7501

 3.7877, 3.4289,
2.4846

203.9627,
206.3678, 203.5644

 1.5827, 1.3596,
0.8320

247.6524,

 0.3811, 0.1866,

251.1907, 249.3597

0.0000

297.1740,
302.0749, 301.5547

■ 0.0000, 0.0000,
0.0000

■ 43.8337, 43.1930,
39.7450

■ 43.8337, 43.1930,
39.7450

■ 39.6163, 37.3225,
30.4329

■ 48.6385, 49.7994,
50.6043

■ 35.9596, 32.1563,
22.5946

■ 54.0488, 57.1601,
63.0742

■ 32.8402, 27.6693,
16.1545

■ 60.0864, 65.3002,
77.2179

■ 30.2317, 23.8326,
11.0296

■ 66.7708, 74.2420,
93.0945

■ 28.1051, 20.6151,
7.1277

■ 73.3875, 83.7132,
106.8981

■ 26.4283, 17.9830,
4.3445

■ 76.8361, 90.6104,
108.0476

■ 25.1649, 15.8989,
2.5584

■ 24.2648, 14.3179,
1.5824

■ 24.1358, 14.0898,
1.4475

Harmonies

Analogous

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



44.8649, 43.1930, 44.3123



43.8337, 43.1930, 39.7450



42.0734, 43.1930, 37.2403

Triad

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



43.8337, 43.1930, 39.7450



37.4756, 43.1930, 44.1923



42.0290, 43.1930, 58.4389

Complementary

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



43.8337, 43.1930, 39.7450



42.7588, 47.5735, 59.7526

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.



40.0505, 43.1930, 58.4002



43.8337, 43.1930, 39.7450



37.4646, 43.1930, 49.8562

Square

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



43.8337, 43.1930, 39.7450



38.4243, 43.1930, 39.6633



38.3937, 43.1930, 55.1545



43.8003, 43.1930, 55.2563

Rectangle

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



43.8337, 43.1930, 39.7450



40.7437, 43.1930, 36.9383



38.3937, 43.1930, 55.1545



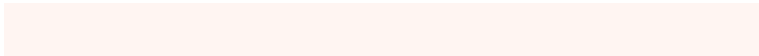
41.3652, 43.1930, 58.8099

Sweetspot

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



43.8349, 43.1949, 39.7459



90.0899, 93.2565, 97.4535



44.8484, 40.9914, 53.1257



19.1386, 19.7640, 20.5277



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.



43.8349, 43.1949, 39.7459



75.3141, 72.9327, 64.0799



47.4426, 50.4104, 40.9485



10.8458, 11.0608, 11.1261



15.9319, 9.3809, 0.9710



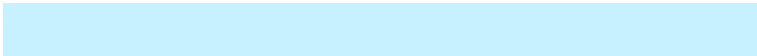
0.8140, 0.5635, 0.0659

Inverse Universe

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



42.7588, 47.5735, 59.7526



73.0228, 82.2406, 106.6331



39.1512, 40.3583, 58.5501



10.7134, 11.6009, 13.5920



13.6354, 16.6647, 37.2423



0.7006, 0.8990, 1.7817

Previews

White Background



This preview shows how the XYZ color 43.8337, 43.1930, 39.7450 looks on a white background.

Color Contrast Check

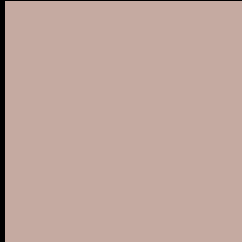
Large Text (above 18pt) WCAG AA × Fail

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 43.8337, 43.1930, 39.7450 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

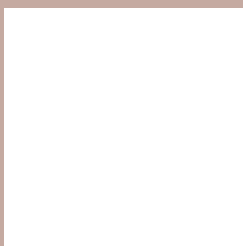
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8337, 43.1930, 39.7450

Background



This preview shows how black text looks on a background with the XYZ color 43.8337, 43.1930, 39.7450.



This preview shows how white text looks on a background with the XYZ color 43.8337, 43.1930,

39.7450.

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

43.8337, 43.1930, 39.7450

Protanopia

41.3222, 43.2854, 41.2990

Deuteranopia

44.0965, 43.3284, 39.7573



Tritanopia

45.6101, 43.0748, 49.0904

Trichromacy



Original Color

43.8337, 43.1930, 39.7450

Protanomaly

42.0479, 43.0963, 40.7526

Deuteranomaly

44.0965, 43.3284, 39.7573

Tritanomaly

44.8342, 43.0282, 45.4774

Monochromacy



Original Color

43.8337, 43.1930, 39.7450

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2539, 43.4027, 44.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8337, 43.1930, 39.7450 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 170, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 170, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.8337, 43.1930, 39.7450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

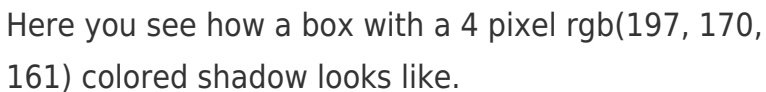
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 170, 161) }
```


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

```
.border{ border-color:rgb(197, 170, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 170,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8337, 43.1930, 39.7450 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, 161) }
```

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

```
.background{ background-color: rgb(197,  
170, 161) }
```

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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