

Converting Colors

XYZ(44.0760, 43.0023, 52.1872)

Have a look what the booklet for
XYZ(44.0760, 43.0023, 52.1872)
contains.

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Color

**XYZ(44.2239, 43.1134,
52.4452)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAABA
RGB	189, 170, 186
RGB Percent	74%, 67%, 73%
CMY	0.2588, 0.3333, 0.2706
CMYK	0.00, 0.10, 0.02, 0.26
HSL	309°, 13%, 70%
HSV	309°, 10%, 74%
XYZ	44.2239, 43.1134, 52.4452
YIQ	177.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

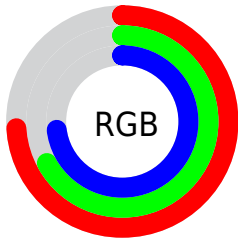
Format	Color
RYB	189, 170, 186
Decimal	12430010
CIELab	71.63, 9.72, -5.69
CIELCh	72, 11.262, 329.675
Yxy	43.1134, 0.3164, 0.3084
Android (android.graphics.Color)	4290620090 (0xFFBDAABA)
YUV	177.5050, 4.1880, 10.0811
Hunter-Lab	65.6608, 5.3170, -1.3941

Details

The XYZ color **44.2239, 43.1134, 52.4452** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3196, 47.9596, 46.5641**, and the grayscale version is **42.0329, 44.2219, 48.1577**.

A 20% lighter version of the original color is **80.6084, 79.6737, 95.1344**, and **20.8654, 19.8846, 24.9287** is the 20% darker color. If you saturate the color by 10%, you get **40.6189, 36.4053, 49.6947**, and if you desaturate by 10%, it is **48.3474, 50.8466, 55.4023**.

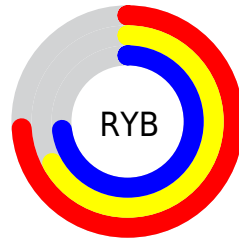
Distribution



Red (74%)

Green (67%)

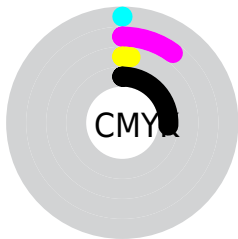
Blue (73%)



Red (74%)

Yellow (67%)

Blue (73%)

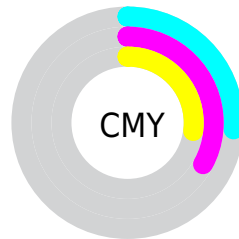


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2239, 43.1134, 52.4452 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 44.2239, 43.1134, 52.4452 by changing the saturation by 10% instead.

■ 44.2239, 43.1134,
52.4452

■ 44.2239, 43.1134,
52.4452

354.4580,
359.0779, 413.1587

■ 31.0452, 29.9741,
36.9754

■ 80.7988, 79.8820,
95.2207

■ 20.7853, 19.8189,
24.8928

104.9258,
104.2800, 123.3635

■ 13.0787, 12.2635,
15.7789

133.4329,
133.1998, 156.5677

■ 7.5601, 6.9234,
9.2152

166.6855,
167.0256, 195.2519

■ 3.8642, 3.4142,
4.7831

205.0489,
206.1420, 239.8345

■ 1.6256, 1.3516,
2.0640

248.8886,

■ 0.4090, 0.1807,

250.9332, 290.7342

0.5942

298.5698,
301.7837, 348.3694

■ 0.0000, 0.0000,
0.0000

■ 44.2239, 43.1134,
52.4452

■ 44.2239, 43.1134,
52.4452

■ 40.6189, 36.4053,
49.6947

■ 48.3474, 50.8466,
55.4023

■ 37.5070, 30.6735,
47.1405

■ 53.0060, 59.6400,
58.5702

■ 34.8661, 25.8733,
44.7756

■ 58.2203, 69.5339,
61.9564

■ 32.6713, 21.9548,
42.5916

■ 64.0085, 80.5648,
65.5671

■ 30.8949, 18.8629,
40.5790

■ 67.2804, 86.5525,
68.3727

■ 29.5066, 16.5368,
38.7274

■ 67.6349, 86.6943,
70.2393

■ 28.4715, 14.9068,
37.0250

■ 67.9963, 86.8388,
72.1422

■ 27.7486, 13.8911,
35.4580

■ 68.3645, 86.9861,
74.0813

■ 27.2578, 13.3275,
34.0061

■ 68.7397, 87.1362,
76.0570

Harmonies

Analogous

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



42.8195, 43.1134, 56.6670



44.2239, 43.1134, 52.4452



44.7536, 43.1134, 47.0028

Triad

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



44.2239, 43.1134, 52.4452



40.9988, 43.1134, 37.2092



37.8752, 43.1134, 52.3342

Complementary

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



44.2239, 43.1134, 52.4452



42.3196, 47.9596, 46.5641

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.



37.4210, 43.1134, 46.8836



44.2239, 43.1134, 52.4452



39.1900, 43.1134, 38.4007

Square

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



44.2239, 43.1134, 52.4452



42.8566, 43.1134, 38.4528



37.8949, 43.1134, 41.8401



39.1551, 43.1134, 56.5995

Rectangle

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



44.2239, 43.1134, 52.4452



44.5271, 43.1134, 43.4969



37.8949, 43.1134, 41.8401



37.6227, 43.1134, 50.5668

Sweetspot

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



44.2252, 43.1153, 52.4461



84.2774, 86.7191, 97.5983



40.7623, 41.2928, 53.9667



17.9927, 18.4031, 20.8952



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.2252, 43.1153, 52.4461



77.7471, 74.4944, 92.8444



43.2634, 42.7306, 47.3816



9.8635, 9.6697, 11.6700



18.3630, 8.9763, 23.0027



0.7370, 0.3587, 0.9941

Inverse Universe

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



44.2252, 43.1153, 52.4461



77.7471, 74.4944, 92.8444



43.2563, 48.3342, 51.4967



9.8635, 9.6697, 11.6700



18.3630, 8.9763, 23.0027



0.7370, 0.3587, 0.9941

Previews

White Background



This preview shows how the XYZ color 44.2239, 43.1134, 52.4452 looks on a white background.

Color Contrast Check

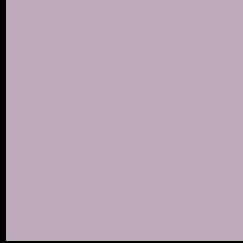
Large Text (above 18pt) WCAG AA × Fail

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 44.2239, 43.1134, 52.4452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

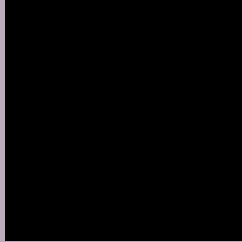
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2239, 43.1134, 52.4452

Background



This preview shows how black text looks on a background with the XYZ color 44.2239, 43.1134, 52.4452.



This preview shows how white text looks on a background with the XYZ color 44.2239, 43.1134,

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

44.2239, 43.1134, 52.4452

Protanopia

42.0006, 43.0602, 54.2419

Deuteranopia

43.9767, 42.9860, 52.4337



Tritanopia

44.0127, 43.0290, 51.3331

Trichromacy



Original Color

44.2239, 43.1134, 52.4452

Protanomaly

42.8431, 43.2213, 53.6614

Deuteranomaly

43.9767, 42.9860, 52.4337

Tritanomaly

44.1179, 43.0711, 51.8872

Monochromacy



Original Color

44.2239, 43.1134, 52.4452

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9619, 43.9412, 49.9332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2239, 43.1134, 52.4452 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(189, 170, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 186)  
}
```

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(189, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 186) }
```

Border

The CSS property to change the border of an element to XYZ 44.2239, 43.1134, 52.4452 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(189, 170, 186) }
```


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

```
.border{ border-color:rgb(189, 170, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 170, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 170, 186); box-shadow:4px 4px 4px 4px rgb(189, 170, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2239, 43.1134, 52.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 186) }
```

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

```
.background{ background-color: rgb(189,  
170, 186) }
```

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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