

Converting Colors

XYZ(43.7706, 42.8752, 52.6299)

Have a look what the booklet for
XYZ(43.7706, 42.8752, 52.6299)
contains.

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Color

**XYZ(43.7312, 42.8594,
52.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAABA
RGB	187, 170, 186
RGB Percent	73%, 67%, 73%
CMY	0.2667, 0.3333, 0.2706
CMYK	0.00, 0.09, 0.01, 0.27
HSL	304°, 11%, 70%
HSV	304°, 9%, 73%
XYZ	43.7312, 42.8594, 52.4222
YIQ	176.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

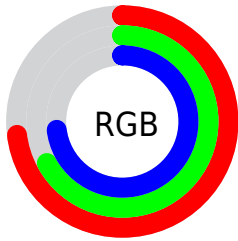
Format	Color
R_{YB}	187, 170, 186
Decimal	12298938
CIE _{Lab}	71.46, 9.02, -5.96
CIE _{LCh}	71, 10.811, 326.543
Yxy	42.8594, 0.3146, 0.3083
Android (android.graphics.Color)	4290489018 (0xFFBBAABA)
YUV	176.9070, 4.4828, 8.8516
Hunter-Lab	65.4671, 4.6684, -1.6490

Details

The XYZ color **43.7312, 42.8594, 52.4222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7002, 47.0282, 45.4099**, and the grayscale version is **41.7176, 43.8901, 47.7963**.

A 20% lighter version of the original color is **79.9144, 79.3159, 95.1020**, and **20.5436, 19.7187, 24.9136** is the 20% darker color. If you saturate the color by 10%, you get **40.3560, 36.2948, 50.7226**, and if you desaturate by 10%, it is **47.6085, 50.4253, 54.2946**.

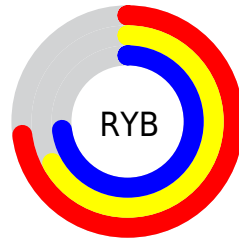
Distribution



Red (73%)

Green (67%)

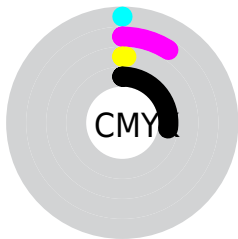
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

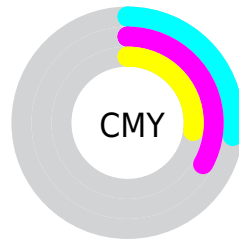


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7312, 42.8594, 52.4222 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 43.7312, 42.8594, 52.4222 by changing the saturation by 10% instead.

■ 43.7312, 42.8594,
52.4222

■ 43.7312, 42.8594,
52.4222

352.4810,
358.0332, 413.0676

■ 30.6562, 29.7748,
36.9572

■ 80.0620, 79.4986,
95.1865

■ 20.4878, 19.6677,
24.8788

104.0485,
103.8221, 123.3229

■ 12.8604, 12.1537,
15.7686

132.4029,
132.6606, 156.5200

■ 7.4088, 6.8485,
9.2080

165.4906,
166.3986, 195.1966

■ 3.7677, 3.3675,
4.7784

203.6769,
205.4205, 239.7711

■ 1.5716, 1.3265,
2.0614

247.3272,

■ 0.3738, 0.1616,

250.1106, 290.6621

0.5926

296.8067,
300.8534, 348.2881

■ 0.0000, 0.0000,
0.0000

■ 43.7312, 42.8594,
52.4222

■ 43.7312, 42.8594,
52.4222

■ 40.3560, 36.2948,
50.7226

■ 47.6085, 50.4253,
54.2946

■ 37.4581, 30.6841,
49.1860

■ 52.0037, 59.0265,
56.3436

■ 35.0164, 25.9843,
47.8060

■ 56.9369, 68.7019,
58.5764

■ 33.0066, 22.1470,
46.5743

■ 62.4257, 79.4871,
60.9989

■ 31.4023, 19.1192,
45.4822

■ 65.7134, 85.8688,
62.6921

■ 30.1741, 16.8421,
44.5198

■ 65.8354, 85.9176,
63.3347

■ 29.2886, 15.2491,
43.6761

■ 65.9583, 85.9668,
63.9820

■ 28.7067, 14.2618,
42.9380

■ 66.0822, 86.0163,
64.6341

■ 28.3584, 13.7404,
42.2821

■ 66.2069, 86.0662,
65.2911

Harmonies

Analogous

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



42.3229, 42.8594, 56.2347



43.7312, 42.8594, 52.4222



44.3362, 42.8594, 47.2746

Triad

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



43.7312, 42.8594, 52.4222



40.9483, 42.8594, 37.3471



37.6809, 42.8594, 51.2973

Complementary

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



43.7312, 42.8594, 52.4222



41.7002, 47.0282, 45.4099

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.



37.3373, 42.8594, 46.0639



43.7312, 42.8594, 52.4222



39.1904, 42.8594, 38.2505

Square

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



43.7312, 42.8594, 52.4222



42.6996, 42.8594, 38.7831



37.8819, 42.8594, 41.3485



38.8347, 42.8594, 55.5519

Rectangle

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



43.7312, 42.8594, 52.4222



44.1896, 42.8594, 43.8665



37.8819, 42.8594, 41.3485



37.4683, 42.8594, 49.5833

Sweetspot

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



43.7324, 42.8613, 52.4231



82.4075, 84.7283, 95.8754



40.1082, 40.9805, 52.8106



18.0228, 18.4151, 21.0533



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.



43.7324, 42.8613, 52.4231



76.9877, 74.1617, 93.2271



42.8705, 42.5165, 47.8840



9.9051, 9.6863, 11.8890



19.5288, 9.4427, 29.1418



0.7724, 0.3729, 1.1807

Inverse Universe

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



43.7324, 42.8613, 52.4231



76.9877, 74.1617, 93.2271



42.5215, 47.3567, 49.7347



9.9051, 9.6863, 11.8890



19.5288, 9.4427, 29.1418



0.7724, 0.3729, 1.1807

Previews

White Background



This preview shows how the XYZ color 43.7312, 42.8594, 52.4222 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 43.7312, 42.8594, 52.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

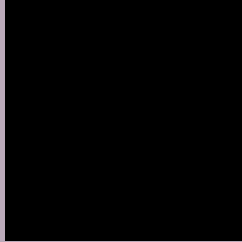
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7312, 42.8594, 52.4222

Background



This preview shows how black text looks on a background with the XYZ color 43.7312, 42.8594, 52.4222.



This preview shows how white text looks on a background with the XYZ color 43.7312, 42.8594,

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

43.7312, 42.8594, 52.4222

Protanopia

41.6687, 42.9016, 53.6616

Deuteranopia

43.7312, 42.8594, 52.4222



Tritanopia

43.5200, 42.7749, 51.3100

Trichromacy



Original Color

43.7312, 42.8594, 52.4222

Protanomaly

42.5036, 43.0587, 53.0847

Deuteranomaly

43.7312, 42.8594, 52.4222

Tritanomaly

43.6252, 42.8170, 51.8642

Monochromacy



Original Color

43.7312, 42.8594, 52.4222

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.4303, 43.3911, 49.3190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7312, 42.8594, 52.4222 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(187, 170, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.7312, 42.8594, 52.4222 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(187, 170, 186) }
```


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

```
.border{ border-color:rgb(187, 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(187, 170, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7312, 42.8594, 52.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 186) }
```

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

```
.background{ background-color: rgb(187,  
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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