

Converting Colors

XYZ(43.2232, 43.7412, 51.0065)

Have a look what the booklet for
XYZ(43.2232, 43.7412, 51.0065)
contains.

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Color

**XYZ(43.2117, 43.7583,
50.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AEB7
RGB	183, 174, 183
RGB Percent	72%, 68%, 72%
CMY	0.2823, 0.3176, 0.2823
CMYK	0.00, 0.05, 0.00, 0.28
HSL	300°, 6%, 70%
HSV	300°, 5%, 72%
XYZ	43.2117, 43.7583, 50.9684
YIQ	177.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

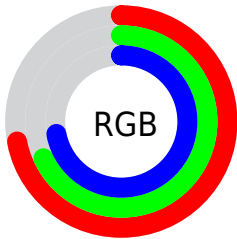
Format	Color
RYB	183, 174, 183
Decimal	12037815
CIELab	72.07, 4.87, -3.45
CIElCh	72, 5.967, 324.667
Yxy	43.7583, 0.3133, 0.3172
Android (android.graphics.Color)	4290227895 (0xFFB7AEB7)
YUV	177.7170, 2.6045, 4.6332
Hunter-Lab	66.1501, 0.8403, 0.6223

Details

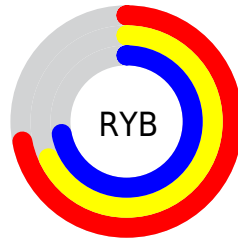
The XYZ color **43.2117, 43.7583, 50.9684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0307, 45.9228, 46.6954**, and the grayscale version is **42.1542, 44.3495, 48.2966**.

A 20% lighter version of the original color is **79.1959, 80.6213, 93.0488**, and **20.1947, 20.2766, 23.9685** is the 20% darker color. If you saturate the color by 10%, you get **39.9149, 37.1642, 49.8700**, and if you desaturate by 10%, it is **46.9927, 51.3196, 52.2292**.

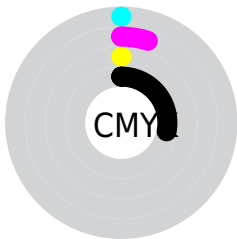
Distribution



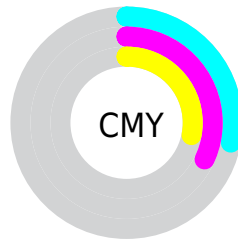
- Red (72%)
- Green (68%)
- Blue (72%)



- Red (72%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2117, 43.7583, 50.9684 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 43.2117, 43.7583, 50.9684 by changing the saturation by 10% instead.

■ 43.2117, 43.7583,
50.9684

■ 43.2117, 43.7583,
50.9684

350.3884,
361.7211, 407.2840

■ 30.2465, 30.4805,
35.8069

■ 79.2839, 80.8539,
93.0191

■ 20.1748, 20.2036,
23.9966

103.1217,
105.4406, 120.7454

■ 12.6311, 12.5431,
15.1189

131.3143,
134.5656, 153.4970

■ 7.2503, 7.1147,
8.7553

164.2272,
168.6135, 191.6925

■ 3.6668, 3.5339,
4.4873

202.2257,
207.9686, 235.7504

■ 1.5154, 1.4164,
1.8963

245.6752,

■ 0.3363, 0.2288,

253.0153, 286.0893

0.4904

294.9410,
304.1380, 343.1276

■ 0.0000, 0.0000,
0.0000

■ 43.2117, 43.7583,
50.9684

■ 43.2117, 43.7583,
50.9684

■ 39.9149, 37.1642,
49.8700

■ 46.9927, 51.3196,
52.2292

■ 37.0792, 31.4928,
48.9248

■ 51.2723, 59.8788,
53.6558

■ 34.6851, 26.7047,
48.1268

■ 56.0692, 69.4724,
55.2547

■ 32.7105, 22.7556,
47.4686

■ 61.3997, 80.1334,
57.0315

■ 31.1312, 19.5971,
46.9422

■ 63.8363, 85.0065,
57.8437

■ 29.9206, 17.1760,
46.5387

■ 63.8364, 85.0065,
57.8437

■ 29.0489, 15.4326,
46.2481

■ 63.8364, 85.0065,
57.8437

■ 28.4815, 14.2980,
46.0590

■ 63.8365, 85.0066,
57.8437

■ 28.1765, 13.6881,
45.9573

■ 63.8365, 85.0066,
57.8437

Harmonies

Analogous

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



42.4149, 43.7583, 52.9346



43.2117, 43.7583, 50.9684



43.5746, 43.7583, 48.1693

Triad

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



43.2117, 43.7583, 50.9684



41.7735, 43.7583, 42.2683



39.8339, 43.7583, 50.0284

Complementary

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



43.2117, 43.7583, 50.9684



42.0307, 45.9228, 46.6954

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.



39.6684, 43.7583, 47.1252



43.2117, 43.7583, 50.9684



40.7777, 43.7583, 42.7207

Square

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



43.2117, 43.7583, 50.9684



42.7356, 43.7583, 43.2080



40.0112, 43.7583, 44.4700



40.4669, 43.7583, 52.3765

Rectangle

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



43.2117, 43.7583, 50.9684



43.5175, 43.7583, 46.2371



40.0112, 43.7583, 44.4700



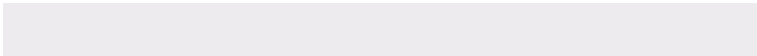
39.7222, 43.7583, 49.0819

Sweetspot

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



43.2130, 43.7602, 50.9694



79.9281, 83.4435, 92.1292



41.1698, 42.7499, 50.8820



17.6614, 18.4456, 20.3511



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



43.2130, 43.7602, 50.9694



76.6497, 76.8867, 91.0365



42.7672, 43.5819, 48.6220



9.5947, 9.5903, 11.4248



19.5857, 9.4080, 32.0367



0.6904, 0.3317, 1.1294

Inverse Universe

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



42.3061, 43.3974, 46.1935



74.6504, 76.0870, 80.5081



42.4616, 46.0952, 48.9648



9.3263, 9.4829, 10.0113



13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 43.2117, 43.7583, 50.9684 looks on a white background.

Color Contrast Check

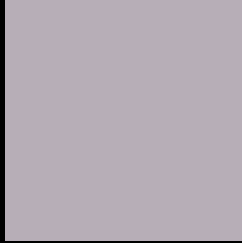
Large Text (above 18pt) WCAG AA × Fail

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 43.2117, 43.7583, 50.9684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

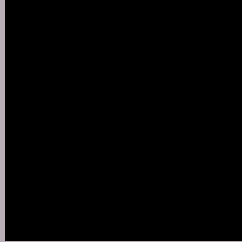
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2117, 43.7583, 50.9684

Background



This preview shows how black text looks on a background with the XYZ color 43.2117, 43.7583, 50.9684.



This preview shows how white text looks on a background with the XYZ color 43.2117, 43.7583,

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

43.2117, 43.7583, 50.9684

Protanopia

42.5372, 43.9763, 51.5937

Deuteranopia

44.7005, 43.6629, 51.4192



Tritanopia

43.6804, 43.6653, 53.1398

Trichromacy



Original Color

43.2117, 43.7583, 50.9684

Protanomaly

42.8041, 43.8239, 51.5502

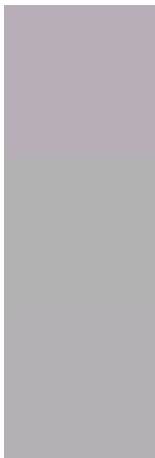
Deuteranomaly

44.1433, 43.6571, 51.4475

Tritanomaly

43.5737, 43.6227, 52.5778

Monochromacy



Original Color

43.2117, 43.7583, 50.9684

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7828, 44.4429, 49.5035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2117, 43.7583, 50.9684 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(183, 174, 183) looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 183)  
}
```

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(183, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 183) }
```

Border

The CSS property to change the border of an element to XYZ 43.2117, 43.7583, 50.9684 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(183, 174, 183) }
```


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

```
.border{ border-color:rgb(183, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2117, 43.7583, 50.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 183) }
```

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

```
.background{ background-color: rgb(183,  
174, 183) }
```

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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