

Converting Colors

XYZ(42.3892, 42.5745, 49.0637)

Have a look what the booklet for
XYZ(42.3892, 42.5745, 49.0637)
contains.

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Color

**XYZ(42.3296, 42.4884,
49.1501)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ABB4
RGB	183, 171, 180
RGB Percent	72%, 67%, 71%
CMY	0.2823, 0.3294, 0.2941
CMYK	0.00, 0.07, 0.02, 0.28
HSL	315°, 8%, 69%
HSV	315°, 7%, 72%
XYZ	42.3296, 42.4884, 49.1501
YIQ	175.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

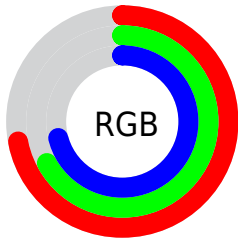
Format	Color
R_{YB}	183, 171, 180
Decimal	12037044
CIE _{Lab}	71.21, 5.94, -3.07
CIE _{LCh}	71, 6.686, 332.714
Yxy	42.4884, 0.3160, 0.3172
Android (android.graphics.Color)	4290227124 (0xFFB7ABB4)
YUV	175.6140, 2.1623, 6.4775
Hunter-Lab	65.1831, 1.8465, 0.9217

Details

The XYZ color **42.3296, 42.4884, 49.1501** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3697, 45.5821, 46.6645**, and the grayscale version is **41.0545, 43.1926, 47.0367**.

A 20% lighter version of the original color is **77.9333, 78.7996, 90.4592**, and **19.6335, 19.4718, 22.8023** is the 20% darker color. If you saturate the color by 10%, you get **38.6513, 35.8651, 45.6621**, and if you desaturate by 10%, it is **46.5043, 50.0787, 52.8806**.

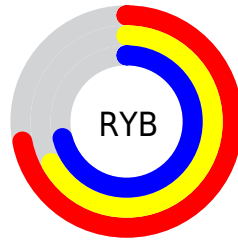
Distribution



Red (72%)

Green (67%)

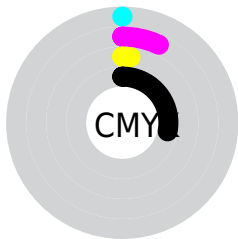
Blue (71%)



Red (72%)

Yellow (67%)

Blue (71%)

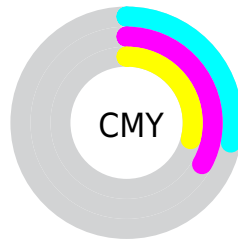


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3296, 42.4884, 49.1501 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 42.3296, 42.4884, 49.1501 by changing the saturation by 10% instead.

■ 42.3296, 42.4884,
49.1501

■ 42.3296, 42.4884,
49.1501

346.8159,
356.5036, 399.9724

■ 29.5517, 29.4839,
34.3721

■ 77.9603, 78.9383,
90.2976

■ 19.6449, 19.4472,
22.8999

101.5437,
103.1524, 117.5043

■ 12.2440, 11.9939,
14.3150

129.4598,
131.8719, 149.6909

■ 6.9834, 6.7395,
8.1989

162.0737,
165.4812, 187.2760

■ 3.4980, 3.2997,
4.1329

199.7509,
204.3646, 230.6782

■ 1.4223, 1.2901,
1.6985

242.8568,

■ 0.2720, 0.1336,

248.9065, 280.3159

0.3597

291.7567,
299.4914, 336.6078

■ 0.0000, 0.0000,
0.0000

■ 42.3296, 42.4884,
49.1501

■ 42.3296, 42.4884,
49.1501

■ 38.6513, 35.8651,
45.6621

■ 46.5043, 50.0787,
52.8806

■ 35.4461, 30.1641,
42.4065

■ 51.1904, 58.6674,
56.8577

■ 32.6941, 25.3454,
39.3764

■ 56.4065, 68.2913,
61.0888

■ 30.3727, 21.3640,
36.5637

■ 62.1696, 78.9835,
65.5803

■ 28.4572, 18.1708,
33.9593

■ 66.0543, 85.8937,
69.5245

■ 26.9205, 15.7115,
31.5533

■ 66.6075, 86.1149,
72.4375

■ 25.7318, 13.9252,
29.3348

■ 67.1769, 86.3427,
75.4361

■ 24.8555, 12.7409,
27.2912

■ 67.7627, 86.5770,
78.5208

■ 24.2438, 12.0629,
25.4056

■ 68.3650, 86.8179,
81.6925

Harmonies

Analogous

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



41.5598, 42.4884, 51.6522



42.3296, 42.4884, 49.1501



42.5750, 42.4884, 45.9711

Triad

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



42.3296, 42.4884, 49.1501



40.2820, 42.4884, 40.3676



38.5978, 42.4884, 49.6789

Complementary

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



42.3296, 42.4884, 49.1501



41.3697, 45.5821, 46.6645

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.



38.2694, 42.4884, 46.5555



42.3296, 42.4884, 49.1501



39.2305, 42.4884, 41.2617

Square

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



42.3296, 42.4884, 49.1501



41.3800, 42.4884, 40.9915



38.4989, 42.4884, 43.4906



39.4040, 42.4884, 51.9673

Rectangle

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



42.3296, 42.4884, 49.1501



42.4046, 42.4884, 43.9202



38.4989, 42.4884, 43.4906



38.4285, 42.4884, 48.6869

Sweetspot

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



42.3308, 42.4902, 49.1510



79.0816, 82.0270, 90.9941



40.5675, 41.5455, 50.6814



17.4840, 18.1487, 20.1133



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.



42.3308, 42.4902, 49.1510



74.7159, 74.1148, 87.0140



41.7328, 42.2510, 46.0019



9.2824, 9.1233, 10.8344



16.8138, 8.2993, 17.4381



0.6159, 0.3019, 0.7370

Inverse Universe

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



42.3308, 42.4902, 49.1510



74.7159, 74.1148, 87.0140



41.9677, 45.8213, 49.8136



9.2824, 9.1233, 10.8344



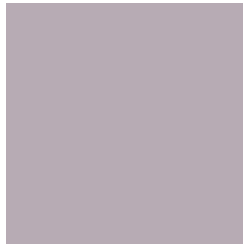
16.8138, 8.2993, 17.4381



0.6159, 0.3019, 0.7370

Previews

White Background



This preview shows how the XYZ color 42.3296, 42.4884, 49.1501 looks on a white background.

Color Contrast Check

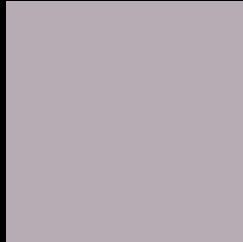
Large Text (above 18pt) WCAG AA × Fail

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 42.3296, 42.4884, 49.1501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

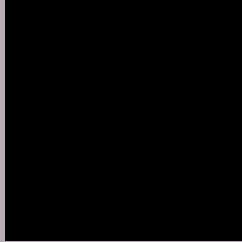
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3296, 42.4884, 49.1501

Background



This preview shows how black text looks on a background with the XYZ color 42.3296, 42.4884, 49.1501.



This preview shows how white text looks on a background with the XYZ color 42.3296, 42.4884,

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

42.3296, 42.4884, 49.1501

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

43.1652, 42.3626, 49.0818



Tritanopia

42.7936, 42.4005, 51.2760

Trichromacy



Original Color

42.3296, 42.4884, 49.1501

Protanomaly

41.4531, 42.3062, 49.6972

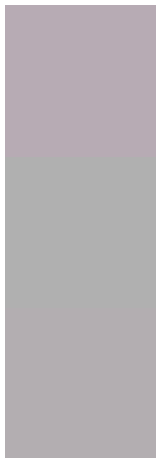
Deuteranomaly

42.8626, 42.4838, 49.1211

Tritanomaly

42.6891, 42.3587, 50.7258

Monochromacy



Original Color

42.3296, 42.4884, 49.1501

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6623, 43.0301, 47.7048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3296, 42.4884, 49.1501 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, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 180)  
}
```

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, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.3296, 42.4884, 49.1501 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, 171, 180) }
```


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

```
.border{ border-color:rgb(183, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3296, 42.4884, 49.1501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 180) }
```

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

```
.background{ background-color: rgb(183,  
171, 180) }
```

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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