

Converting Colors

XYZ(42.7253, 44.0138, 49.2592)

Have a look what the booklet for
XYZ(42.7253, 44.0138, 49.2592)
contains.

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Color

**XYZ(42.8196, 44.1697,
49.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B0B4
RGB	181, 176, 180
RGB Percent	71%, 69%, 71%
CMY	0.2902, 0.3098, 0.2941
CMYK	0.00, 0.03, 0.01, 0.29
HSL	312°, 3%, 70%
HSV	312°, 3%, 71%
XYZ	42.8196, 44.1697, 49.4488
YIQ	177.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

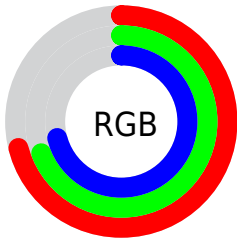
Format	Color
RYB	181, 176, 180
Decimal	11907252
CIELab	72.34, 2.52, -1.42
CIELCh	72, 2.888, 330.597
Yxy	44.1697, 0.3138, 0.3237
Android (android.graphics.Color)	4290097332 (0xFFB5B0B4)
YUV	177.9510, 1.0102, 2.6740
Hunter-Lab	66.4603, -1.3000, 2.4084

Details

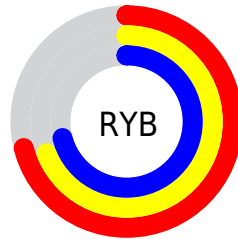
The XYZ color **42.8196, 44.1697, 49.4488** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3658, 45.4533, 48.1376**, and the grayscale version is **42.2863, 44.4884, 48.4479**.

A 20% lighter version of the original color is **78.9220, 81.7739, 90.9812**, and **19.9405, 20.5368, 22.9917** is the 20% darker color. If you saturate the color by 10%, you get **39.1409, 37.3946, 46.4263**, and if you desaturate by 10%, it is **46.9836, 51.8989, 52.6818**.

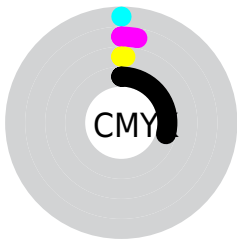
Distribution



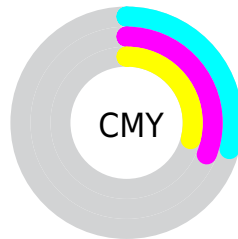
- Red (71%)
- Green (69%)
- Blue (71%)



- Red (71%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8196, 44.1697, 49.4488 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 42.8196, 44.1697, 49.4488 by changing the saturation by 10% instead.

■ 42.8196, 44.1697,
49.4488

■ 42.8196, 44.1697,
49.4488

348.8035,
363.4003, 401.1796

■ 29.9375, 30.8039,
34.6075

■ 78.6960, 81.4730,
90.7455

■ 19.9390, 20.4496,
23.0796

102.4210,
106.1794, 118.0381

■ 12.4587, 12.7223,
14.4464

130.4909,
135.4348, 150.3181

■ 7.1313, 7.2376,
8.2895

163.2713,
169.6235, 188.0042

■ 3.5914, 3.6111,
4.1903

201.1274,
209.1301, 231.5148

■ 1.4737, 1.4585,
1.7303

244.4245,

■ 0.3078, 0.2592,

254.3388, 281.2686

0.3814

293.5281,
305.6341, 337.6840

■ 0.0000, 0.0000,
0.0000

■ 42.8196, 44.1697,
49.4488

■ 42.8196, 44.1697,
49.4488

■ 39.1409, 37.3946,
46.4263

■ 46.9836, 51.8989,
52.6818

■ 35.9252, 31.5306,
43.6047

■ 51.6469, 60.6116,
56.1286

■ 33.1537, 26.5400,
40.9781

■ 56.8274, 70.3430,
59.7960

■ 30.8052, 22.3803,
38.5390

■ 62.5410, 81.1249,
63.6898

■ 28.8566, 19.0053,
36.2793

■ 65.0222, 85.4262,
66.5552

■ 27.2823, 16.3643,
34.1902

■ 65.4454, 85.5955,
68.7838

■ 26.0542, 14.4007,
32.2618

■ 65.8787, 85.7688,
71.0654

■ 25.1396, 13.0497,
30.4829

■ 66.3221, 85.9462,
73.4004

■ 24.4998, 12.2337,
28.8402

■ 66.7757, 86.1276,
75.7890

Harmonies

Analogous

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



42.4700, 44.1697, 50.4865



42.8196, 44.1697, 49.4488



42.9443, 44.1697, 48.0648

Triad

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



42.8196, 44.1697, 49.4488



41.9720, 44.1697, 45.4095



41.1652, 44.1697, 49.4991

Complementary

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



42.8196, 44.1697, 49.4488



42.3658, 45.4533, 48.1376

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.



41.0341, 44.1697, 48.1218



42.8196, 44.1697, 49.4488



41.4977, 44.1697, 45.7769

Square

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



42.8196, 44.1697, 49.4488



42.4526, 44.1697, 45.7493



41.1553, 44.1697, 46.7628



41.5148, 44.1697, 50.5160

Rectangle

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



42.8196, 44.1697, 49.4488



42.8824, 44.1697, 47.1374



41.1553, 44.1697, 46.7628



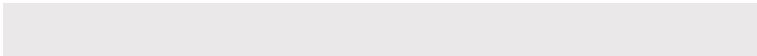
41.0942, 44.1697, 49.0621

Sweetspot

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



42.8209, 44.1716, 49.4498



77.9272, 81.3985, 89.5445



41.9991, 43.7362, 49.9450



16.8513, 17.6087, 19.3604



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



42.8209, 44.1716, 49.4498



76.4875, 78.7344, 88.4004



42.5686, 44.0707, 48.1214



9.2299, 9.4543, 10.6877



16.6735, 8.1870, 19.2387



0.5432, 0.2650, 0.7030

Inverse Universe

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



42.8209, 44.1716, 49.4498



76.4875, 78.7344, 88.4004



42.6172, 45.5539, 49.4612



9.2299, 9.4543, 10.6877



16.6735, 8.1870, 19.2387



0.5432, 0.2650, 0.7030

Previews

White Background



This preview shows how the XYZ color 42.8196, 44.1697, 49.4488 looks on a white background.

Color Contrast Check

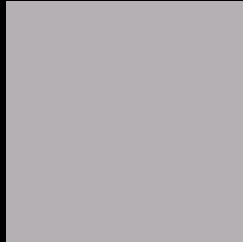
Large Text (above 18pt) WCAG AA × Fail

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 42.8196, 44.1697, 49.4488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

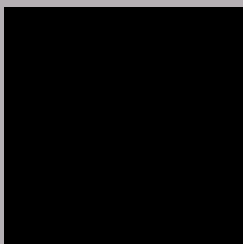
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

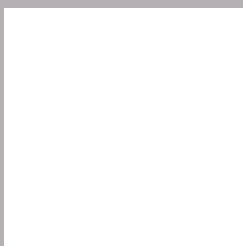
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8196, 44.1697, 49.4488

Background



This preview shows how black text looks on a background with the XYZ color 42.8196, 44.1697, 49.4488.



This preview shows how white text looks on a background with the XYZ color 42.8196, 44.1697,

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

42.8196, 44.1697, 49.4488

Protanopia

42.5859, 44.0493, 49.4379

Deuteranopia

45.0853, 44.1787, 49.8672



Tritanopia

43.6985, 44.2359, 53.8122

Trichromacy



Original Color

42.8196, 44.1697, 49.4488

Protanomaly

42.5859, 44.0493, 49.4379

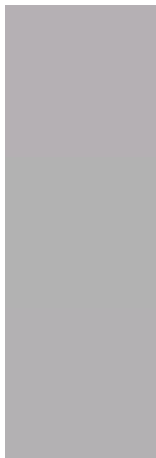
Deuteranomaly

44.2703, 44.0422, 49.8837

Tritanomaly

43.3783, 44.1078, 52.1263

Monochromacy



Original Color

42.8196, 44.1697, 49.4488

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4492, 44.2827, 48.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8196, 44.1697, 49.4488 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(181, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 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(181, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.8196, 44.1697, 49.4488 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(181, 176, 180) }
```


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

```
.border{ border-color:rgb(181, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8196, 44.1697, 49.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 180) }
```

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

```
.background{ background-color: rgb(181,  
176, 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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