

Converting Colors

XYZ(42.9751, 44.6840, 48.8172)

Have a look what the booklet for
XYZ(42.9751, 44.6840, 48.8172)
contains.

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Color

**XYZ(42.9149, 44.5227,
48.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1B3
RGB	181, 177, 179
RGB Percent	71%, 69%, 70%
CMY	0.2902, 0.3059, 0.2980
CMYK	0.00, 0.02, 0.01, 0.29
HSL	330°, 3%, 70%
HSV	330°, 2%, 71%
XYZ	42.9149, 44.5227, 48.9797
YIQ	178.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

Format	Color
RYB	181, 177, 179
Decimal	11907507
CIELab	72.58, 1.79, -0.53
CIElCh	73, 1.864, 343.627
Yxy	44.5227, 0.3146, 0.3264
Android (android.graphics.Color)	4290097587 (0xFFB5B1B3)
YUV	178.4240, 0.2840, 2.2592
Hunter-Lab	66.7253, -1.9657, 3.1859

Details

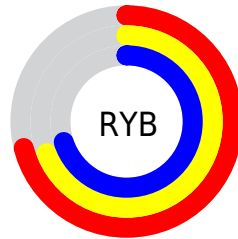
The XYZ color **42.9149, 44.5227, 48.9797** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7937, 45.6508, 49.2062**, and the grayscale version is **42.5405, 44.7559, 48.7392**.

A 20% lighter version of the original color is **79.0594, 82.2805, 90.3121**, and **19.8756, 20.5109, 22.6501** is the 20% darker color. If you saturate the color by 10%, you get **38.6884, 37.4874, 43.1992**, and if you desaturate by 10%, it is **47.6783, 52.5343, 55.2372**.

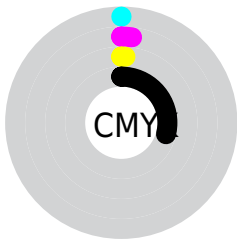
Distribution



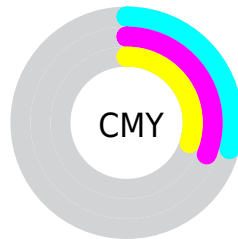
- Red (71%)
- Green (69%)
- Blue (70%)



- Red (71%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9149, 44.5227, 48.9797 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 42.9149, 44.5227, 48.9797 by changing the saturation by 10% instead.

■ 42.9149, 44.5227,
48.9797

■ 42.9149, 44.5227,
48.9797

349.1891,
364.8370, 399.2826

■ 30.0126, 31.0816,
34.2379

■ 78.8389, 82.0037,
90.0420

■ 19.9963, 20.6610,
22.7976

102.5914,
106.8124, 117.1995

■ 12.5006, 12.8765,
14.2402

130.6912,
136.1792, 149.3327

■ 7.1602, 7.3435,
8.1473

163.5038,
170.4884, 186.8601

■ 3.6097, 3.6779,
4.1002

201.3946,
210.1243, 230.2003

■ 1.4838, 1.4950,
1.6805

244.7288,

■ 0.3148, 0.2852,

255.4715, 279.7717

0.3473

293.8719,
306.9143, 335.9930

■ 0.0000, 0.0000,
0.0000

■ 42.9149, 44.5227,
48.9797

■ 42.9149, 44.5227,
48.9797

■ 38.6884, 37.4874,
43.1992

■ 47.6783, 52.5343,
55.2372

■ 34.9754, 31.3851,
37.8805

■ 52.9934, 61.5519,
61.9805

■ 31.7562, 26.1779,
33.0118

■ 58.8792, 71.6111,
69.2217

■ 29.0084, 21.8228,
28.5796

■ 65.3526, 82.7439,
76.9718

■ 26.7077, 18.2735,
24.5698

■ 68.3099, 86.7413,
83.8678

■ 24.8278, 15.4791,
20.9669

■ 69.5736, 87.2468,
90.5224

■ 23.3392, 13.3828,
17.7546

■ 70.9038, 87.7789,
97.5270

■ 22.2083, 11.9199,
14.9147

■ 72.3014, 88.3379,
104.8866

■ 21.3952, 11.0129,
12.4266

■ 72.8664, 88.5639,
107.8618

Harmonies

Analogous

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



42.7465, 44.5227, 49.7738



42.9149, 44.5227, 48.9797



42.9227, 44.5227, 48.0607

Triad

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



42.9149, 44.5227, 48.9797



42.1716, 44.5227, 46.7731



41.8705, 44.5227, 49.7126

Complementary

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



42.9149, 44.5227, 48.9797



42.7937, 45.6508, 49.2062

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.



41.7180, 44.5227, 48.8970



42.9149, 44.5227, 48.9797



41.8913, 44.5227, 47.2042

Square

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



42.9149, 44.5227, 48.9797



42.4924, 44.5227, 46.7946



41.7257, 44.5227, 47.9790



42.1430, 44.5227, 50.2006

Rectangle

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



42.9149, 44.5227, 48.9797



42.8356, 44.5227, 47.5013



41.7257, 44.5227, 47.9790



41.8035, 44.5227, 49.4672

Sweetspot

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



42.9162, 44.5246, 48.9807



77.8261, 81.3581, 89.0121



42.6547, 44.3663, 50.0322



16.8306, 17.6004, 19.2514



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.



42.9162, 44.5246, 48.9807



76.1869, 78.6142, 86.8178



42.7156, 44.4444, 47.9245



9.1855, 9.4365, 10.4538



14.4567, 7.3002, 7.5651



0.4843, 0.2415, 0.3931

Inverse Universe

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



42.9162, 44.5246, 48.9807



76.1869, 78.6142, 86.8178



42.9972, 45.7322, 50.2778



9.1855, 9.4365, 10.4538



14.4567, 7.3002, 7.5651



0.4843, 0.2415, 0.3931

Previews

White Background



This preview shows how the XYZ color 42.9149, 44.5227, 48.9797 looks on a white background.

Color Contrast Check

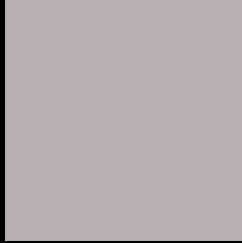
Large Text (above 18pt) WCAG AA × Fail

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 42.9149, 44.5227, 48.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

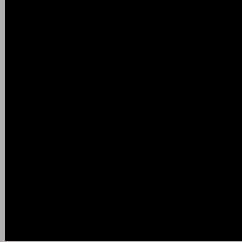
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9149, 44.5227, 48.9797

Background



This preview shows how black text looks on a background with the XYZ color 42.9149, 44.5227, 48.9797.

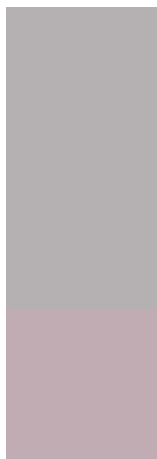


This preview shows how white text looks on a background with the XYZ color 42.9149, 44.5227,

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

42.9149, 44.5227, 48.9797

Protanopia

42.9149, 44.5227, 48.9797

Deuteranopia

45.2389, 44.2697, 49.3406



Tritanopia

44.0437, 44.4013, 54.3931

Trichromacy



Original Color

42.9149, 44.5227, 48.9797

Protanomaly

42.9149, 44.5227, 48.9797

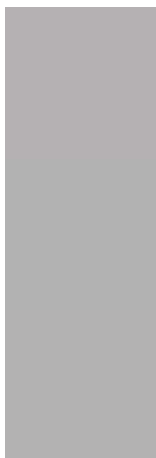
Deuteranomaly

44.3605, 44.3862, 49.4094

Tritanomaly

43.5737, 44.4985, 52.1914

Monochromacy



Original Color

42.9149, 44.5227, 48.9797

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5467, 44.6388, 48.4932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9149, 44.5227, 48.9797 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, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 179)  
}
```

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, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.9149, 44.5227, 48.9797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

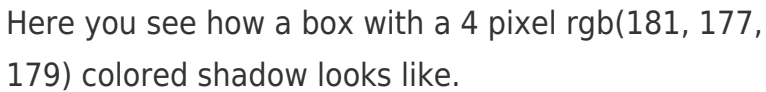
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 177, 179) }
```


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

```
.border{ border-color:rgb(181, 177, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 177, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 177, 179); box-shadow:4px 4px 4px 4px rgb(181, 177, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9149, 44.5227, 48.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 179) }
```

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

```
.background{ background-color: rgb(181,  
177, 179) }
```

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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