

Converting Colors

XYZ(42.6041, 44.4195, 49.3883)

Have a look what the booklet for
XYZ(42.6041, 44.4195, 49.3883)
contains.

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Color

**XYZ(42.5508, 44.3233,
49.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B1B4
RGB	179, 177, 180
RGB Percent	70%, 69%, 71%
CMY	0.2980, 0.3059, 0.2941
CMYK	0.01, 0.02, 0.00, 0.29
HSL	280°, 2%, 70%
HSV	280°, 2%, 71%
XYZ	42.5508, 44.3233, 49.4926
YIQ	177.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

Format	Color
RYB	179, 177, 180
Decimal	11776436
CIELab	72.44, 1.27, -1.29
CIElCh	72, 1.809, 314.651
Yxy	44.3233, 0.3120, 0.3250
Android (android.graphics.Color)	4289966516 (0xFFB3B1B4)
YUV	177.9400, 1.0156, 0.9296
Hunter-Lab	66.5757, -2.4222, 2.5267

Details

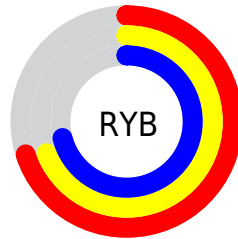
The XYZ color **42.5508, 44.3233, 49.4926** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6188, 45.2830, 48.0915**, and the grayscale version is **42.2810, 44.4829, 48.4419**.

A 20% lighter version of the original color is **78.5402, 81.9961, 91.0442**, and **19.6426, 20.3832, 22.9778** is the 20% darker color. If you saturate the color by 10%, you get **37.8698, 36.9768, 48.3220**, and if you desaturate by 10%, it is **47.7637, 52.6427, 50.8243**.

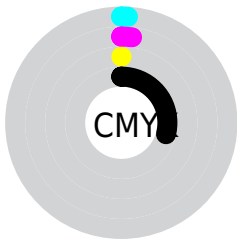
Distribution



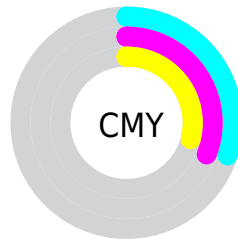
- Red (70%)
- Green (69%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5508, 44.3233, 49.4926 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 42.5508, 44.3233, 49.4926 by changing the saturation by 10% instead.

■ 42.5508, 44.3233,
49.4926

■ 42.5508, 44.3233,
49.4926

347.7141,
364.0259, 401.3564

■ 29.7258, 30.9248,
34.6420

■ 78.2925, 81.7040,
90.8112

■ 19.7776, 20.5416,
23.1059

101.9399,
106.4550, 118.1163

■ 12.3408, 12.7893,
14.4657

129.9256,
135.7588, 150.4100

■ 7.0501, 7.2836,
8.3028

162.6147,
170.0000, 188.1109

■ 3.5400, 3.6401,
4.1988

200.3728,
209.5630, 231.6374

■ 1.4454, 1.4744,
1.7350

243.5652,

■ 0.2882, 0.2706,

254.8320, 281.4081

0.3846

292.5571,
306.1915, 337.8416

■ 0.0000, 0.0000,
0.0000

■ 42.5508, 44.3233,
49.4926

■ 42.5508, 44.3233,
49.4926

■ 37.8698, 36.9768,
48.3220

■ 47.7637, 52.6427,
50.8243

■ 33.6981, 30.5607,
47.3034

■ 53.5228, 61.9641,
52.3200

■ 30.0166, 25.0377,
46.4314

■ 59.8463, 72.3226,
53.9861

■ 26.8038, 20.3657,
45.6989

■ 66.7506, 83.7495,
55.8278

■ 24.0364, 16.4994,
45.0985

■ 70.3012, 88.3749,
56.5335

■ 21.6888, 13.3888,
44.6218

■ 72.0330, 89.2677,
56.6145

■ 19.7326, 10.9785,
44.2597

■ 73.8295, 90.1939,
56.6986

■ 18.1356, 9.2051,
44.0016

■ 75.6915, 91.1538,
56.7857

■ 16.8595, 7.9934,
43.8350

■ 77.6196, 92.1477,
56.8760

Harmonies

Analogous

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



42.2798, 44.3233, 49.9412



42.5508, 44.3233, 49.4926



42.7089, 44.3233, 48.7165

Triad

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



42.5508, 44.3233, 49.4926



42.2869, 44.3233, 46.6233



41.5505, 44.3233, 48.6962

Complementary

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



42.5508, 44.3233, 49.4926



42.6188, 45.2830, 48.0915

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.



41.5523, 44.3233, 47.8074



42.5508, 44.3233, 49.4926



41.9765, 44.3233, 46.6180

Square

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



42.5508, 44.3233, 49.4926



42.5560, 44.3233, 47.0636



41.7079, 44.3233, 47.0491



41.7028, 44.3233, 49.4776

Rectangle

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



42.5508, 44.3233, 49.4926



42.7285, 44.3233, 48.1214



41.7079, 44.3233, 47.0491



41.5331, 44.3233, 48.3999

Sweetspot

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



42.5521, 44.3252, 49.4936



78.6606, 82.7571, 90.1225



42.3018, 44.5049, 49.5415



17.0014, 17.8868, 19.4787



86.6293, 91.1408, 99.2523

Same Dimension

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



42.5521, 44.3252, 49.4936



76.8244, 79.8469, 89.6575



42.7383, 44.4265, 49.2636



9.3464, 9.7242, 10.8907



11.2239, 5.1219, 30.5341



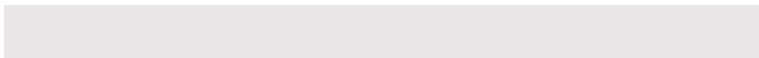
0.4119, 0.1915, 0.9635

Inverse Universe

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



42.5820, 44.3640, 48.4405



76.8910, 79.9329, 87.3284



42.4351, 45.1831, 48.3172



9.3538, 9.7338, 10.6315



13.7355, 7.0117, 3.7669



0.4600, 0.2317, 0.2648

Previews

White Background



This preview shows how the XYZ color 42.5508, 44.3233, 49.4926 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 42.5508, 44.3233, 49.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

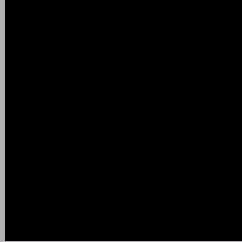
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

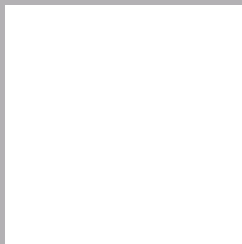
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5508, 44.3233, 49.4926

Background



This preview shows how black text looks on a background with the XYZ color 42.5508, 44.3233, 49.4926.

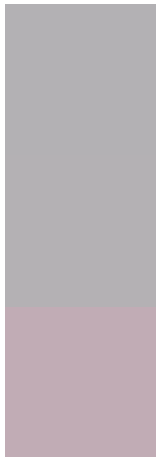


This preview shows how white text looks on a background with the XYZ color 42.5508, 44.3233,

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

42.5508, 44.3233, 49.4926

Protanopia

42.7828, 44.4429, 49.5035

Deuteranopia

45.0853, 44.1787, 49.8672



Tritanopia

43.5330, 44.4281, 54.4252

Trichromacy



Original Color

42.5508, 44.3233, 49.4926

Protanomaly

42.7828, 44.4429, 49.5035

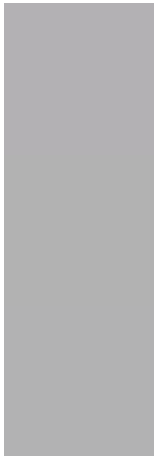
Deuteranomaly

44.2156, 44.2997, 49.9363

Tritanomaly

43.2107, 44.2991, 52.7275

Monochromacy



Original Color

42.5508, 44.3233, 49.4926

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.4172, 44.5604, 49.0132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5508, 44.3233, 49.4926 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(179, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 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(179, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5508, 44.3233, 49.4926 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(179, 177, 180) }
```

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

```
.border{ border-color:rgb(179, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 177,  
180) }
```


Background

The CSS property to change the background color of an element to XYZ 42.5508, 44.3233, 49.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 180) }
```

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

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