

Converting Colors

XYZ(42.3054, 43.0509, 49.2915)

Have a look what the booklet for
XYZ(42.3054, 43.0509, 49.2915)
contains.

XYZ(42.2378, 43.0062, 49.2549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.2378, 43.0062,
49.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ADB4
RGB	181, 173, 180
RGB Percent	71%, 68%, 71%
CMY	0.2902, 0.3216, 0.2941
CMYK	0.00, 0.04, 0.01, 0.29
HSL	308°, 5%, 69%
HSV	308°, 4%, 71%
XYZ	42.2378, 43.0062, 49.2549
YIQ	176.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

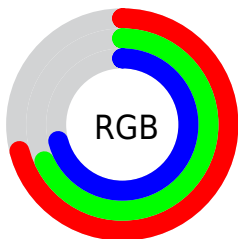
Format	Color
R_{YB}	181, 173, 180
Decimal	11906484
CIE Lab	71.56, 4.15, -2.57
CIE LCh	72, 4.875, 328.243
Yxy	43.0062, 0.3140, 0.3198
Android (android.graphics.Color)	4290096564 (0xFFB5ADB4)
YUV	176.1900, 1.8783, 4.2184
Hunter-Lab	65.5791, 0.2038, 1.3741

Details

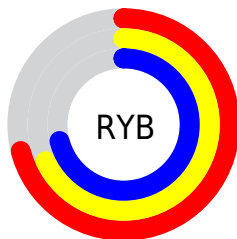
The XYZ color **42.2378, 43.0062, 49.2549** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3990, 44.9890, 46.5483**, and the grayscale version is **41.3565, 43.5103, 47.3827**.

A 20% lighter version of the original color is **77.8088, 79.5475, 90.6101**, and **19.5702, 19.7962, 22.8683** is the 20% darker color. If you saturate the color by 10%, you get **38.7713, 36.4386, 46.9719**, and if you desaturate by 10%, it is **46.1807, 50.5194, 51.7163**.

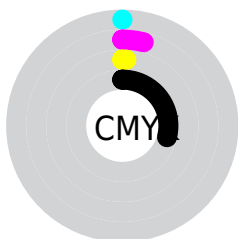
Distribution



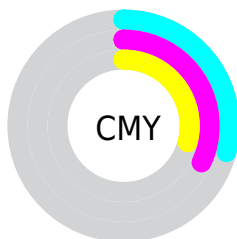
- Red (71%)
- Green (68%)
- Blue (71%)



- Red (71%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2378, 43.0062, 49.2549 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 42.2378, 43.0062, 49.2549 by changing the saturation by 10% instead.

■ 42.2378, 43.0062,
49.2549

■ 42.2378, 43.0062,
49.2549

346.4426,
358.6373, 400.3962

■ 29.4795, 29.8900,
34.4547

■ 77.8223, 79.7202,
90.4548

■ 19.5899, 19.7551,
22.9629

101.3792,
104.0868, 117.6916

■ 12.2038, 12.2171,
14.3611

129.2663,
132.9723, 149.9110

■ 6.9558, 6.8917,
8.2306

161.8490,
166.7611, 187.5316

■ 3.4806, 3.3945,
4.1530

199.4926,
205.8376, 230.9719

■ 1.4127, 1.3410,
1.7096

242.5625,

■ 0.2653, 0.1726,

250.5862, 280.6504

0.3673

291.4241,
301.3913, 336.9856

■ 0.0000, 0.0000,
0.0000

■ 42.2378, 43.0062,
49.2549

■ 42.2378, 43.0062,
49.2549

■ 38.7713, 36.4386,
46.9719

■ 46.1807, 50.5194,
51.7163

■ 35.7588, 30.7735,
44.8581

■ 50.6140, 59.0081,
54.3594

■ 33.1814, 25.9726,
42.9078

■ 55.5558, 68.5077,
57.1907

■ 31.0176, 21.9929,
41.1137

■ 61.0222, 79.0503,
60.2156

■ 29.2439, 18.7876,
39.4678

■ 64.2549, 85.1193,
62.5150

■ 27.8345, 16.3052,
37.9615

■ 64.5064, 85.2199,
63.8395

■ 26.7607, 14.4879,
36.5850

■ 64.7618, 85.3221,
65.1845

■ 25.9891, 13.2691,
35.3273

■ 65.0211, 85.4258,
66.5499

■ 25.4794, 12.5686,
34.1747

■ 65.2843, 85.5311,
67.9359

Harmonies

Analogous

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



41.6303, 43.0062, 50.9376



42.2378, 43.0062, 49.2549



42.4799, 43.0062, 46.9657

Triad

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



42.2378, 43.0062, 49.2549



40.9247, 43.0062, 42.4369



39.4965, 43.0062, 49.0061

Complementary

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



42.2378, 43.0062, 49.2549



41.3990, 44.9890, 46.5483

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.



39.3132, 43.0062, 46.6875



42.2378, 43.0062, 49.2549



40.1311, 43.0062, 42.9427

Square

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



42.2378, 43.0062, 49.2549



41.7155, 43.0062, 43.0741



39.5440, 43.0062, 44.4791



40.0481, 43.0062, 50.7906

Rectangle

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



42.2378, 43.0062, 49.2549



42.3990, 43.0062, 45.4207



39.5440, 43.0062, 44.4791



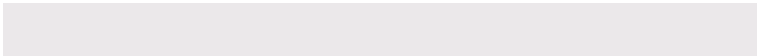
39.3901, 43.0062, 48.2609

Sweetspot

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



42.2390, 43.0081, 49.2558



77.9526, 81.4086, 89.6780



40.7266, 42.2166, 49.7186



16.8565, 17.6108, 19.3877



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.



42.2390, 43.0081, 49.2558



75.2091, 76.1909, 87.9333



41.8441, 42.8501, 47.1760



9.0916, 9.1748, 10.6509



17.4311, 8.4900, 23.2282



0.5612, 0.2722, 0.7979

Inverse Universe

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



42.2390, 43.0081, 49.2558



75.2091, 76.1909, 87.9333



41.7880, 45.1446, 48.5969



9.0916, 9.1748, 10.6509



17.4311, 8.4900, 23.2282



0.5612, 0.2722, 0.7979

Previews

White Background



This preview shows how the XYZ color 42.2378, 43.0062, 49.2549 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 42.2378, 43.0062, 49.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

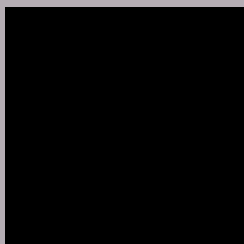
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

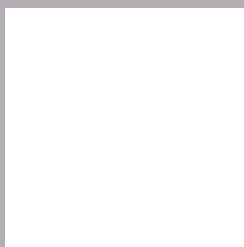
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2378, 43.0062, 49.2549

Background



This preview shows how black text looks on a background with the XYZ color 42.2378, 43.0062, 49.2549.



This preview shows how white text looks on a background with the XYZ color 42.2378, 43.0062,

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

42.2378, 43.0062, 49.2549

Protanopia

41.6080, 42.9554, 49.8143

Deuteranopia

43.9504, 43.0328, 49.7058



Tritanopia

42.9069, 42.9953, 52.4919

Trichromacy



Original Color

42.2378, 43.0062, 49.2549

Protanomaly

41.8366, 43.0733, 49.8250

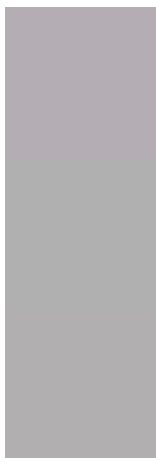
Deuteranomaly

43.3969, 43.0268, 49.7338

Tritanomaly

42.6957, 42.9108, 51.3797

Monochromacy



Original Color

42.2378, 43.0062, 49.2549

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6259, 43.2992, 47.7586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2378, 43.0062, 49.2549 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, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 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, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.2378, 43.0062, 49.2549 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, 173, 180) }
```


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

```
.border{ border-color:rgb(181, 173, 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, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2378, 43.0062, 49.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 180) }
```

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

```
.background{ background-color: rgb(181,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor