

Converting Colors

XYZ(43.1082, 43.9152, 50.6220)

Have a look what the booklet for
XYZ(43.1082, 43.9152, 50.6220)
contains.

XYZ(43.0649, 43.9824, 50.4757)	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(43.0649, 43.9824,
50.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AFB6
RGB	182, 175, 182
RGB Percent	71%, 69%, 71%
CMY	0.2863, 0.3137, 0.2863
CMYK	0.00, 0.04, 0.00, 0.29
HSL	300°, 5%, 70%
HSV	300°, 4%, 71%
XYZ	43.0649, 43.9824, 50.4757
YIQ	177.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

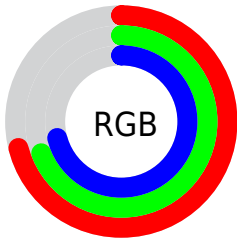
Format	Color
R_YB	182, 175, 182
Decimal	11972534
CIE Lab	72.22, 3.79, -2.69
CIE LCh	72, 4.644, 324.599
Yxy	43.9824, 0.3131, 0.3198
Android (android.graphics.Color)	4290162614 (0xFFB6AFB6)
YUV	177.8910, 2.0257, 3.6036
Hunter-Lab	66.3192, -0.1483, 1.2977

Details

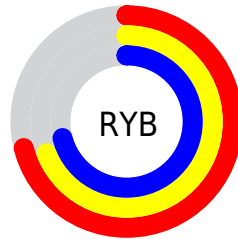
The XYZ color **43.0649, 43.9824, 50.4757** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1467, 45.6662, 47.1528**, and the grayscale version is **42.2493, 44.4495, 48.4055**.

A 20% lighter version of the original color is **79.2684, 81.5020, 92.4425**, and **20.0987, 20.4180, 23.6506** is the 20% darker color. If you saturate the color by 10%, you get **39.7592, 37.3704, 49.3742**, and if you desaturate by 10%, it is **46.8506, 51.5531, 51.7383**.

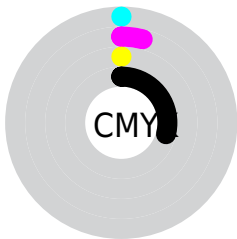
Distribution



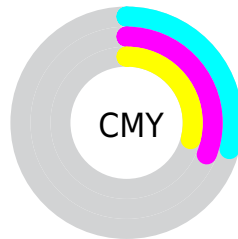
- Red (71%)
- Green (69%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0649, 43.9824, 50.4757 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 43.0649, 43.9824, 50.4757 by changing the saturation by 10% instead.

■ 43.0649, 43.9824,
50.4757

■ 43.0649, 43.9824,
50.4757

349.7956,
362.6365, 405.3116

■ 30.1308, 30.6567,
35.4177

■ 79.0639, 81.1913,
92.2828

■ 20.0864, 20.3376,
23.6987

102.8595,
105.8432, 119.8691

■ 12.5665, 12.6407,
14.9001

131.0063,
135.0393, 152.4684

■ 7.2057, 7.1816,
8.6035

163.8696,
169.1640, 190.4995

■ 3.6385, 3.5759,
4.3902

201.8148,
208.6016, 234.3808

■ 1.4997, 1.4393,
1.8418

245.2073,

■ 0.3257, 0.2454,

253.7367, 284.5309

0.4553

294.4125,
304.9535, 341.3683

■ 0.0000, 0.0000,
0.0000

■ 43.0649, 43.9824,
50.4757

■ 43.0649, 43.9824,
50.4757

■ 39.7592, 37.3704,
49.3742

■ 46.8506, 51.5531,
51.7383

■ 36.9107, 31.6734,
48.4245

■ 51.1303, 60.1125,
53.1650

■ 34.5004, 26.8529,
47.6210

■ 55.9224, 69.6966,
54.7625

■ 32.5067, 22.8655,
46.9562

■ 61.2429, 80.3376,
56.5362

■ 30.9058, 19.6638,
46.4224

■ 63.4955, 84.8428,
57.2872

■ 29.6719, 17.1961,
46.0110

■ 63.4956, 84.8428,
57.2874

■ 28.7760, 15.4042,
45.7122

■ 63.4956, 84.8428,
57.2875

■ 28.1844, 14.2212,
45.5149

■ 63.4956, 84.8428,
57.2877

■ 27.8571, 13.5666,
45.4056

■ 63.4956, 84.8428,
57.2878

Harmonies

Analogous

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



42.4448, 43.9824, 51.9896



43.0649, 43.9824, 50.4757



43.3474, 43.9824, 48.3035

Triad

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



43.0649, 43.9824, 50.4757



41.9483, 43.9824, 43.6537



40.4267, 43.9824, 49.7386

Complementary

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



43.0649, 43.9824, 50.4757



42.1467, 45.6662, 47.1528

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.



40.2976, 43.9824, 47.4776



43.0649, 43.9824, 50.4757



41.1696, 43.9824, 44.0106

Square

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



43.0649, 43.9824, 50.4757



42.6975, 43.9824, 44.4021



40.5679, 43.9824, 45.3929



40.9229, 43.9824, 51.5546

Rectangle

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



43.0649, 43.9824, 50.4757



43.3037, 43.9824, 46.7922



40.5679, 43.9824, 45.3929



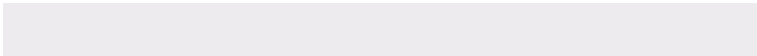
40.3392, 43.9824, 49.0035

Sweetspot

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



43.0662, 43.9843, 50.4767



79.9281, 83.4435, 92.1292



41.4546, 43.1535, 50.4013



17.6614, 18.4456, 20.3511



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.



43.0662, 43.9843, 50.4767



77.2875, 78.1623, 91.2489



42.7090, 43.8414, 48.5959



9.6679, 9.7365, 11.4492



19.5859, 9.4081, 32.0356



0.6905, 0.3317, 1.1293

Inverse Universe

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



43.0662, 43.9843, 50.4767



77.2875, 78.1623, 91.2489



42.4949, 45.8055, 48.9863



9.6679, 9.7365, 11.4492



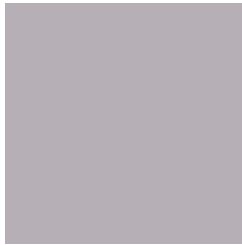
19.5859, 9.4081, 32.0356



0.6905, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 43.0649, 43.9824, 50.4757 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 43.0649, 43.9824, 50.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

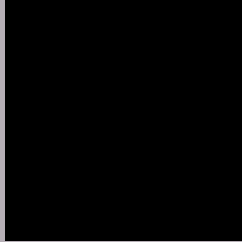
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0649, 43.9824, 50.4757

Background



This preview shows how black text looks on a background with the XYZ color 43.0649, 43.9824, 50.4757.



This preview shows how white text looks on a background with the XYZ color 43.0649, 43.9824,

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

43.0649, 43.9824, 50.4757

Protanopia

42.6630, 44.0533, 51.0543

Deuteranopia

45.0380, 44.1304, 50.9440



Tritanopia

43.7416, 43.9702, 53.7586

Trichromacy



Original Color

43.0649, 43.9824, 50.4757

Protanomaly

42.8950, 44.1729, 51.0652

Deuteranomaly

44.2299, 43.9974, 50.9609

Tritanomaly

43.5274, 43.8846, 52.6308

Monochromacy



Original Color

43.0649, 43.9824, 50.4757

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 43.0649, 43.9824, 50.4757 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(182, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 182)  
}
```

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(182, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.0649, 43.9824, 50.4757 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(182, 175, 182) }
```


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

```
.border{ border-color:rgb(182, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0649, 43.9824, 50.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 182) }
```

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

```
.background{ background-color: rgb(182,  
175, 182) }
```

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