

Converting Colors

XYZ(43.8927, 50.2129, 42.4301)

Have a look what the booklet for
XYZ(43.8927, 50.2129, 42.4301)
contains.

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Color

**XYZ(43.9023, 50.1674,
42.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C1A4
RGB	177, 193, 164
RGB Percent	69%, 76%, 64%
CMY	0.3059, 0.2431, 0.3569
CMYK	0.08, 0.00, 0.15, 0.24
HSL	93°, 19%, 70%
HSV	93°, 15%, 76%
XYZ	43.9023, 50.1674, 42.4913
YIQ	184.9100, -0.2270, -12.4110

Conversions

Conversions Part 2

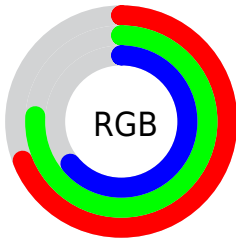
Format	Color
RYB	164, 193, 180
Decimal	11649444
CIELab	76.17, -10.79, 12.76
CIELCh	76, 16.713, 130.210
Yxy	50.1674, 0.3215, 0.3674
Android (android.graphics.Color)	4289839524 (0xFFB1C1A4)
YUV	184.9100, -10.3086, -6.9371
Hunter-Lab	70.8289, -13.3100, 14.0113

Details

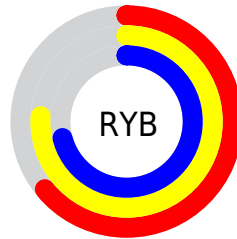
The XYZ color **43.9023, 50.1674, 42.4913** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7254, 40.1058, 55.9968**, and the grayscale version is **46.1208, 48.5227, 52.8412**.

A 20% lighter version of the original color is **80.2661, 90.1895, 80.1957**, and **20.4694, 23.9202, 18.8674** is the 20% darker color. If you saturate the color by 10%, you get **39.9584, 48.3221, 33.8884**, and if you desaturate by 10%, it is **48.3028, 52.2205, 52.4984**.

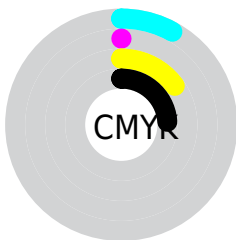
Distribution



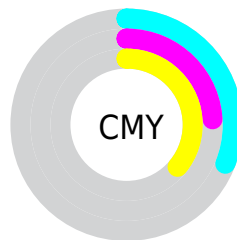
- Red (69%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9023, 50.1674, 42.4913 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 43.9023, 50.1674, 42.4913 by changing the saturation by 10% instead.

■ 43.9023, 50.1674,
42.4913

■ 43.9023, 50.1674,
42.4913

353.1684,
387.3202, 372.3751

■ 30.7913, 35.5464,
29.1577

■ 80.3180, 90.4229,
80.2207

■ 20.5910, 24.0841,
18.9536

■ 104.3533,
116.8261, 105.4537

■ 12.9361, 15.3960,
11.4603

132.7609,
147.9256, 135.4903

■ 7.4613, 9.0978,
6.2593

165.9059,
184.1057, 170.7489

■ 3.8011, 4.8050,
2.9320

204.1538,
225.7508, 211.6481

■ 1.5902, 2.1333,
1.0600

247.8700,

■ 0.3860, 0.6833,

273.2454, 258.6066

0.0000

297.4197,
326.9737, 312.0427

■ 0.0000, 0.0000,
0.0000

■ 43.9023, 50.1674,
42.4913

■ 43.9023, 50.1674,
42.4913

■ 39.9584, 48.3221,
33.8884

■ 48.3028, 52.2205,
52.4984

■ 36.4509, 46.6711,
26.6237

■ 53.1711, 54.4815,
63.9654

■ 33.3639, 45.2091,
20.6307

■ 58.5232, 56.9587,
76.9486

■ 30.6788, 43.9282,
15.8360

■ 64.3728, 59.6583,
91.5008

■ 28.3756, 42.8199,
12.1586

■ 69.8343, 62.2263,
102.9379

■ 26.4319, 41.8745,
9.5073

■ 73.3623, 64.0450,
103.1031

■ 24.8225, 41.0815,
7.7771

■ 77.1028, 65.9733,
103.2781

■ 23.5176, 40.4282,
6.8395

■ 78.3610, 66.6219,
103.3370

■ 22.9556, 40.1445,
6.5388

Harmonies

Analogous

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



46.6239, 50.1674, 39.3578



43.9023, 50.1674, 42.4913



42.2416, 50.1674, 48.9941

Triad

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



43.9023, 50.1674, 42.4913



45.6741, 50.1674, 72.4973



53.8534, 50.1674, 51.6256

Complementary

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



43.9023, 50.1674, 42.4913



41.7254, 40.1058, 55.9968

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.



53.5718, 50.1674, 60.6690



43.9023, 50.1674, 42.4913



48.7572, 50.1674, 73.4007

Square

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



43.9023, 50.1674, 42.4913



43.2331, 50.1674, 66.5222



51.6739, 50.1674, 68.8703



52.4273, 50.1674, 44.2361

Rectangle

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



43.9023, 50.1674, 42.4913



41.9147, 50.1674, 54.6869



51.6739, 50.1674, 68.8703



53.9568, 50.1674, 54.5607

Sweetspot

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



43.9037, 50.1696, 42.4924



86.4639, 93.5029, 93.9221



45.0063, 46.6421, 41.7534



18.4239, 20.0011, 19.8592



92.9021, 97.7402, 106.4391



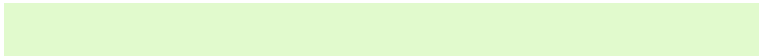
19.4759, 20.4902, 22.3138

Same Dimension

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



43.9037, 50.1696, 42.4924



76.2402, 88.7332, 70.8147



41.2138, 48.7677, 43.0541



10.3635, 11.4748, 10.7305



15.3567, 26.7455, 4.3530



0.7427, 1.1964, 0.1918

Inverse Universe

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



41.7254, 40.1058, 55.9968



71.6006, 67.2990, 99.5765



44.7343, 41.6756, 55.2971



10.0477, 10.0157, 12.6885



10.4880, 4.6672, 33.9047



0.5316, 0.2421, 1.4686

Previews

White Background



This preview shows how the XYZ color 43.9023, 50.1674, 42.4913 looks on a white background.

Color Contrast Check

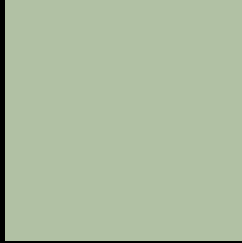
Large Text (above 18pt) WCAG AA × Fail

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 43.9023, 50.1674, 42.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

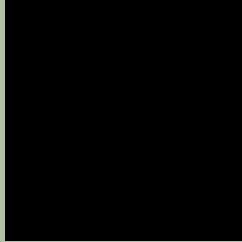
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

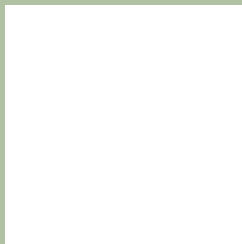
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9023, 50.1674, 42.4913

Background



This preview shows how black text looks on a background with the XYZ color 43.9023, 50.1674, 42.4913.



This preview shows how white text looks on a background with the XYZ color 43.9023, 50.1674,

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

43.9023, 50.1674, 42.4913

Protanopia

47.2293, 49.9842, 40.8769

Deuteranopia

50.8474, 49.9471, 43.0372



Tritanopia

48.1723, 50.2980, 63.0466

Trichromacy



Original Color

43.9023, 50.1674, 42.4913

Protanomaly

45.9544, 49.9510, 41.4019

Deuteranomaly

47.9599, 49.6939, 42.6614

Tritanomaly

46.5466, 50.2815, 54.8290

Monochromacy



Original Color

43.9023, 50.1674, 42.4913

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.2104, 49.0858, 48.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9023, 50.1674, 42.4913 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(177, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 193, 164)  
}
```

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(177, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 193, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.9023, 50.1674, 42.4913 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(177, 193, 164) }
```


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

```
.border{ border-color:rgb(177, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 193,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9023, 50.1674, 42.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 193, 164) }
```

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

```
.background{ background-color: rgb(177,  
193, 164) }
```

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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