

Converting Colors

XYZ(43.8931, 49.9071, 24.4592)

Have a look what the booklet for
XYZ(43.8931, 49.9071, 24.4592)
contains.

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Color

**XYZ(43.8931, 49.9071,
24.4592)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BF76
RGB	193, 191, 118
RGB Percent	76%, 75%, 46%
CMY	0.2431, 0.2510, 0.5372
CMYK	0.00, 0.01, 0.39, 0.24
HSL	58°, 38%, 61%
HSV	58°, 39%, 76%
XYZ	43.8931, 49.9071, 24.4592
YIQ	183.2760, 24.6250, -22.2790

Conversions

Conversions Part 2

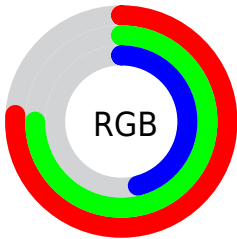
Format	Color
RYB	120, 193, 118
Decimal	12697462
CIELab	76.01, -10.13, 37.06
CIElCh	76, 38.422, 105.284
Yxy	49.9071, 0.3712, 0.4220
Android (android.graphics.Color)	4290887542 (0xFFC1BF76)
YUV	183.2760, -32.1811, 8.5279
Hunter-Lab	70.6450, -12.7231, 28.9237

Details

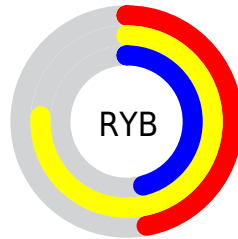
The XYZ color **43.8931, 49.9071, 24.4592** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.8132, 21.1341, 53.2761**, and the grayscale version is **45.3241, 47.6845, 51.9284**.

A 20% lighter version of the original color is **80.3951, 89.9710, 51.6569**, and **20.6131, 23.9976, 9.0144** is the 20% darker color. If you saturate the color by 10%, you get **42.7504, 49.2730, 18.9874**, and if you desaturate by 10%, it is **45.2734, 50.6404, 31.1692**.

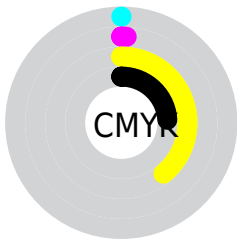
Distribution



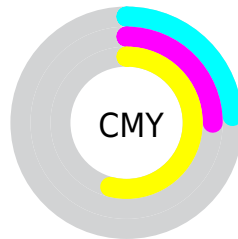
- Red (76%)
- Green (75%)
- Blue (46%)



- Red (47%)
- Yellow (76%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (39%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8931, 49.9071, 24.4592 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 43.8931, 49.9071, 24.4592 by changing the saturation by 10% instead.

■ 43.8931, 49.9071,
24.4592

■ 43.8931, 49.9071,
24.4592

353.1315,
386.3025, 288.4949

■ 30.7840, 35.3396,
15.4593

■ 80.3042, 90.0372,
51.7317

■ 20.5855, 23.9246,
8.9921

■ 104.3369,
116.3686, 70.8414

■ 12.9321, 15.2777,
4.6393

■ 132.7416,
147.3901, 94.1580

■ 7.4585, 9.0145,
1.9822

165.8836,
183.4860, 122.1002

■ 3.7993, 4.7506,
0.5443

204.1282,
225.0409, 155.0864

■ 1.5892, 2.1017,
0.0000

247.8408,

■ 0.3854, 0.6656,

272.4390, 193.5352

0.0000

297.3868,
326.0647, 237.8652

■ 0.0000, 0.0000,
0.0000

■ 43.8931, 49.9071,
24.4592

■ 43.8931, 49.9071,
24.4592

■ 42.7504, 49.2730,
18.9874

■ 45.2734, 50.6404,
31.1692

■ 41.8271, 48.7255,
14.6746

■ 46.9007, 51.4714,
39.1835

■ 41.1085, 48.2605,
11.4377


■ 48.7886, 52.4072,
48.5677


■ 40.5764, 47.8708,
9.1812


■ 50.9483, 53.4524,
59.3817


■ 40.2095, 47.5478,
7.7925


■ 53.3906, 54.6112,
71.6821

 39.9717, 47.2770,
7.0819

 56.1257, 55.8878,
85.5222

 39.9471, 47.2472,
7.0142

 59.1633, 57.2860,
100.9528

 59.5823, 57.6375,
102.5926

 59.6975, 57.8680,
102.6310

Harmonies

Analogous

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



51.0242, 49.9071, 24.3997



43.8931, 49.9071, 24.4592



38.2976, 49.9071, 31.0256

Triad

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



43.8931, 49.9071, 24.4592



38.3815, 49.9071, 87.5025



62.0576, 49.9071, 64.9997

Complementary

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



43.8931, 49.9071, 24.4592



23.8132, 21.1341, 53.2761

Split Complementary

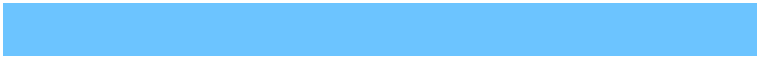
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.9216, 49.9071, 87.1227



43.8931, 49.9071, 24.4592



44.0186, 49.9071, 102.1718

Square

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



43.8931, 49.9071, 24.4592



35.3407, 49.9071, 65.4268



51.1629, 49.9071, 102.0175



62.0153, 49.9071, 44.5828

Rectangle

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



43.8931, 49.9071, 24.4592



35.9817, 49.9071, 39.4472



51.1629, 49.9071, 102.0175



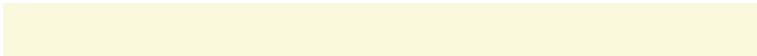
61.0929, 49.9071, 72.5770

Sweetspot

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



43.8943, 49.9094, 24.4602



86.2025, 93.2829, 81.1111



31.8917, 25.6631, 21.2021



18.3967, 19.9645, 16.9202



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.



43.8943, 49.9094, 24.4602



76.7765, 88.3687, 35.0008



36.4408, 46.7170, 24.2369



10.8897, 11.7109, 10.7484



26.5795, 31.4447, 4.6685



1.1558, 1.3734, 0.2042

Inverse Universe

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



23.8132, 21.1341, 53.2761



35.5692, 29.3251, 94.1459



29.2414, 23.5800, 53.4621



9.5493, 9.7899, 12.6712



6.4486, 2.6536, 33.7289



0.2862, 0.1298, 1.4599

Previews

White Background



This preview shows how the XYZ color 43.8931, 49.9071, 24.4592 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 43.8931, 49.9071, 24.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

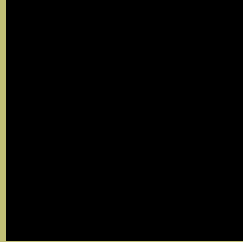
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8931, 49.9071, 24.4592

Background



This preview shows how black text looks on a background with the XYZ color 43.8931, 49.9071, 24.4592.



This preview shows how white text looks on a background with the XYZ color 43.8931, 49.9071,

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

43.8931, 49.9071, 24.4592

Protanopia

45.8830, 49.6624, 23.9971

Deuteranopia

50.6226, 49.6282, 25.0003



Tritanopia

51.0489, 49.9980, 59.1846

Trichromacy



Original Color

43.8931, 49.9071, 24.4592

Protanomaly

45.0135, 49.5302, 24.0174

Deuteranomaly

47.7642, 49.3692, 24.7811

Tritanomaly

47.9700, 49.6672, 44.1042

Monochromacy



Original Color

43.8931, 49.9071, 24.4592

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3104, 48.1858, 39.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8931, 49.9071, 24.4592 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(193, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 118)  
}
```

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(193, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 118) }
```

Border

The CSS property to change the border of an element to XYZ 43.8931, 49.9071, 24.4592 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(193, 191, 118) }
```


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

```
.border{ border-color:rgb(193, 191, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8931, 49.9071, 24.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 118) }
```

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

```
.background{ background-color: rgb(193,  
191, 118) }
```

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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