

Converting Colors

XYZ(43.5123, 49.9003, 42.5528)

Have a look what the booklet for
XYZ(43.5123, 49.9003, 42.5528)
contains.

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Color

**XYZ(43.4500, 49.9342,
42.4702)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC1A4
RGB	175, 193, 164
RGB Percent	69%, 76%, 64%
CMY	0.3137, 0.2431, 0.3569
CMYK	0.09, 0.00, 0.15, 0.24
HSL	97°, 19%, 70%
HSV	97°, 15%, 76%
XYZ	43.4500, 49.9342, 42.4702
YIQ	184.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

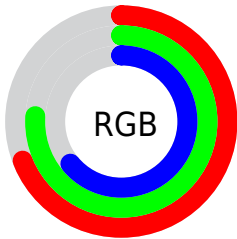
Format	Color
RYB	164, 193, 182
Decimal	11518372
CIELab	76.03, -11.50, 12.54
CIELCh	76, 17.019, 132.533
Yxy	49.9342, 0.3198, 0.3676
Android (android.graphics.Color)	4289708452 (0xFFAFC1A4)
YUV	184.3120, -10.0138, -8.1666
Hunter-Lab	70.6641, -13.9061, 13.8307

Details

The XYZ color **43.4500, 49.9342, 42.4702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1945, 40.3477, 56.0187**, and the grayscale version is **45.7878, 48.1723, 52.4597**.

A 20% lighter version of the original color is **79.6169, 89.8548, 80.1653**, and **20.1833, 23.7727, 18.8540** is the 20% darker color. If you saturate the color by 10%, you get **39.2672, 47.9657, 33.8561**, and if you desaturate by 10%, it is **48.1387, 52.1359, 52.4908**.

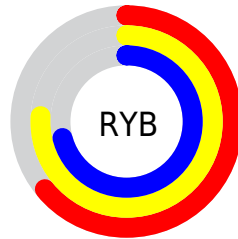
Distribution



Red (69%)

Green (76%)

Blue (64%)



Red (64%)

Yellow (76%)

Blue (71%)

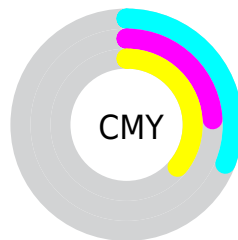


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (24%)



Cyan (31%)

Magenta (24%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4500, 49.9342, 42.4702 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 43.4500, 49.9342, 42.4702 by changing the saturation by 10% instead.


 43.4500, 49.9342,
42.4702


 43.4500, 49.9342,
42.4702


351.3494,
386.4086, 372.2854

 30.4344, 35.3611,
29.1413


 79.6410, 90.0774,
80.1885

 20.3183, 23.9412,
18.9413


 103.5471,
116.4163, 105.4150

 12.7362, 15.2900,
11.4515


131.8140,
147.4459, 135.4445

 7.3229, 9.0232,
6.2534

164.8072,
183.5506, 170.6955

 3.7130, 4.7563,
2.9285

202.8920,
225.1148, 211.5866

 1.5411, 2.1050,
1.0582

246.4337,

 0.3535, 0.6674,

272.5230, 258.5362

0.0000

295.7977,
326.1594, 311.9630

■ 0.0000, 0.0000,
0.0000

■ 43.4500, 49.9342,
42.4702

■ 43.4500, 49.9342,
42.4702

■ 39.2672, 47.9657,
33.8561

■ 48.1387, 52.1359,
52.4908

■ 35.5681, 46.2159,
26.5825

■ 53.3463, 54.5717,
63.9736

■ 32.3350, 44.6786,
20.5826


■ 59.0904, 57.2511,
76.9752


■ 29.5471, 43.3448,
15.7831


■ 65.3865, 60.1808,
91.5483


■ 27.1821, 42.2046,
12.1027


■ 71.3504, 63.0078,
103.0089


 25.2155, 41.2474,
9.4504

 75.4383, 65.1152,
103.2002

 23.6192, 40.4612,
7.7208

 78.3609, 66.6219,
103.3370

 22.3609, 39.8318,
6.7854

 21.8336, 39.5661,
6.4863

Harmonies

Analogous

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



46.1477, 49.9342, 39.0176



43.4500, 49.9342, 42.4702



41.8692, 49.9342, 49.2859

Triad

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



43.4500, 49.9342, 42.4702



45.6509, 49.9342, 72.8237



53.6773, 49.9342, 50.6611

Complementary

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



43.4500, 49.9342, 42.4702



42.1945, 40.3477, 56.0187

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.



53.5297, 49.9342, 59.7919



43.4500, 49.9342, 42.4702



48.7989, 49.9342, 73.2983

Square

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



43.4500, 49.9342, 42.4702



43.1003, 49.9342, 67.0749



51.7115, 49.9342, 68.3074



52.1062, 49.9342, 43.3799

Rectangle

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



43.4500, 49.9342, 42.4702



41.6161, 49.9342, 55.1467



51.7115, 49.9342, 68.3074



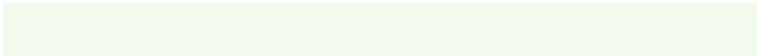
53.8290, 49.9342, 53.6003

Sweetspot

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



43.4513, 49.9364, 42.4713



86.1672, 93.3499, 93.9082



45.3992, 47.4279, 41.8844



18.3518, 19.9639, 19.8558



92.9021, 97.7402, 106.4391



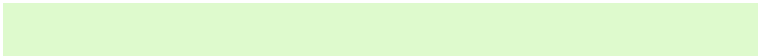
19.4759, 20.4902, 22.3138

Same Dimension

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



43.4513, 49.9364, 42.4713



75.2814, 88.2389, 70.7698



41.3919, 48.8389, 43.9915



10.2974, 11.4408, 10.7274



14.6037, 26.3573, 4.3178



0.7078, 1.1784, 0.1902

Inverse Universe

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



42.1945, 40.3477, 56.0187



72.6036, 67.8161, 99.6235



44.5221, 41.5907, 54.1794



10.1152, 10.0506, 12.6917



11.6272, 5.2545, 33.9580



0.5770, 0.2655, 1.4707

Previews

White Background



This preview shows how the XYZ color 43.4500, 49.9342, 42.4702 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 43.4500, 49.9342, 42.4702 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

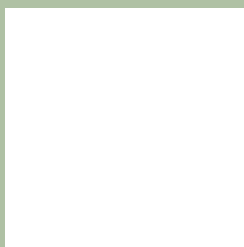
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4500, 49.9342, 42.4702

Background



This preview shows how black text looks on a background with the XYZ color 43.4500, 49.9342, 42.4702.



This preview shows how white text looks on a background with the XYZ color 43.4500, 49.9342,

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

43.4500, 49.9342, 42.4702

Protanopia

47.2293, 49.9842, 40.8769

Deuteranopia

50.7369, 49.5787, 43.4547



Tritanopia

47.6999, 50.0545, 63.0245

Trichromacy



Original Color

43.4500, 49.9342, 42.4702

Protanomaly

45.7054, 49.8226, 41.3902

Deuteranomaly

47.7851, 49.5932, 43.1303

Tritanomaly

46.0810, 50.0415, 54.8072

Monochromacy



Original Color

43.4500, 49.9342, 42.4702

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7622, 48.5387, 48.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4500, 49.9342, 42.4702 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(175, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.4500, 49.9342, 42.4702 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(175, 193, 164) }
```


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

```
.border{ border-color:rgb(175, 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(175, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(175, 193,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4500, 49.9342, 42.4702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 164) }
```

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

```
.background{ background-color: rgb(175,  
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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