

Converting Colors

XYZ(43.3592, 52.4242, 45.6361)

Have a look what the booklet for
XYZ(43.3592, 52.4242, 45.6361)
contains.

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Color

**XYZ(43.4522, 52.5681,
45.8867)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C9AA
RGB	164, 201, 170
RGB Percent	64%, 79%, 67%
CMY	0.3569, 0.2117, 0.3333
CMYK	0.18, 0.00, 0.15, 0.21
HSL	130°, 26%, 72%
HSV	130°, 18%, 79%
XYZ	43.4522, 52.5681, 45.8867
YIQ	186.4030, -12.1010, -17.4850

Conversions

Conversions Part 2

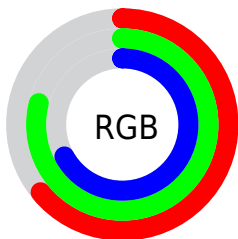
Format	Color
RYB	164, 196, 201
Decimal	10799530
CIELab	77.62, -18.35, 11.47
CIElCh	78, 21.641, 148.008
Yxy	52.5681, 0.3062, 0.3704
Android (android.graphics.Color)	4288989610 (0xFFA4C9AA)
YUV	186.4030, -8.0867, -19.6474
Hunter-Lab	72.5039, -19.9051, 13.2289

Details

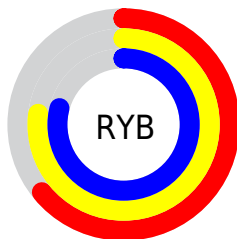
The XYZ color **43.4522, 52.5681, 45.8867** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.2150, 42.9098, 57.4261**, and the grayscale version is **46.9482, 49.3931, 53.7891**.

A 20% lighter version of the original color is **78.5640, 92.0163, 84.8543**, and **20.3858, 25.6202, 21.0103** is the 20% darker color. If you saturate the color by 10%, you get **38.1350, 50.0009, 37.8478**, and if you desaturate by 10%, it is **49.6320, 55.5594, 55.0336**.

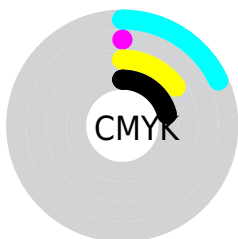
Distribution



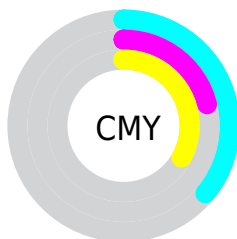
- Red (64%)
- Green (79%)
- Blue (67%)



- Red (64%)
- Yellow (77%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)





- Cyan (36%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4522, 52.5681, 45.8867 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 43.4522, 52.5681, 45.8867 by changing the saturation by 10% instead.


 43.4522, 52.5681,
45.8867


 43.4522, 52.5681,
45.8867


351.3582,
396.6259, 386.6173

 30.4361, 37.4581,
31.8084


 79.6443, 93.9685,
85.3819

 20.3196, 25.5624,
20.9516


 103.5510,
121.0277, 111.6359

 12.7372, 16.4965,
12.8977


131.8186,
152.8388, 142.7855

 7.3236, 9.8762,
7.2283

164.8126,
189.7861, 179.2494

 3.7134, 5.3169,
3.5247

202.8981,
232.2541, 221.4459

 1.5413, 2.4344,
1.3684

246.4407,

 0.3537, 0.8435,

280.6271, 269.7937

0.1169

295.8056,
335.2896, 324.7113

■ 0.0000, 0.0000,
0.0000

■ 43.4522, 52.5681,
45.8867

■ 43.4522, 52.5681,
45.8867

■ 38.1350, 50.0009,
37.8478

■ 49.6320, 55.5594,
55.0336

■ 33.6377, 47.8322,
30.8715

■ 56.7061, 58.9858,
65.3246

■ 29.9204, 46.0439,
24.9143

■ 64.7099, 62.8662,
76.7988

■ 26.9381, 44.6137,
19.9284

■ 73.6755, 67.2164,
89.4920

■ 24.6411, 43.5172,
15.8622

■ 80.0502, 70.2043,
103.2712

■ 22.9735, 42.7267,
12.6593

■ 80.1777, 70.2553,
103.9426

■ 21.8703, 42.2100,
10.2570

■ 21.2352, 41.9190,
8.5835

■ 21.1565, 41.8829,
8.3784

Harmonies

Analogous

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



46.2839, 52.5681, 39.2233



43.4522, 52.5681, 45.8867



42.3537, 52.5681, 56.4412

Triad

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



43.4522, 52.5681, 45.8867



49.6855, 52.5681, 83.4658



57.4027, 52.5681, 47.0933

Complementary

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



43.4522, 52.5681, 45.8867



47.2150, 42.9098, 57.4261

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.



58.4363, 52.5681, 58.0417



43.4522, 52.5681, 45.8867



53.8351, 52.5681, 80.0638

Square

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



43.4522, 52.5681, 45.8867



45.8255, 52.5681, 79.0671



57.0968, 52.5681, 70.3214



54.3453, 52.5681, 39.8487

Rectangle

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



43.4522, 52.5681, 45.8867



42.7030, 52.5681, 64.6539



57.0968, 52.5681, 70.3214



58.0056, 52.5681, 50.4116

Sweetspot

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



43.4536, 52.5703, 45.8879



87.6476, 96.4145, 98.1374



50.2118, 56.1184, 43.3081



18.5952, 20.5568, 20.7642



0.0000, 0.0000, 0.0000



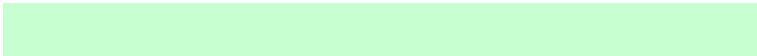
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4536, 52.5703, 45.8879



70.6715, 88.2024, 72.9726



45.2806, 53.3011, 55.5087



10.5665, 11.9155, 11.6672



13.3244, 26.3421, 5.3870



0.6536, 1.2564, 0.3743

Inverse Universe

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



47.2150, 42.9098, 57.4261



78.2601, 68.7087, 96.2480



45.2953, 42.1419, 47.3170



11.0064, 10.7859, 13.0168



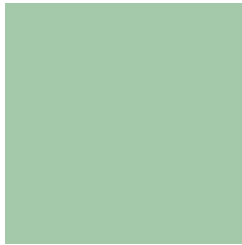
19.6417, 9.6062, 24.3866



0.9503, 0.4630, 1.2616

Previews

White Background



This preview shows how the XYZ color 43.4522, 52.5681, 45.8867 looks on a white background.

Color Contrast Check

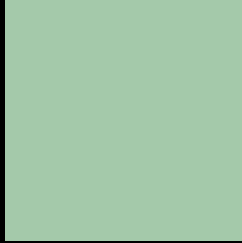
Large Text (above 18pt) WCAG AA × Fail

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 43.4522, 52.5681, 45.8867 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 43.4522, 52.5681, 45.8867

Background



This preview shows how black text looks on a background with the XYZ color 43.4522, 52.5681, 45.8867.



This preview shows how white text looks on a background with the XYZ color 43.4522, 52.5681,

45.8867.

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

43.4522, 52.5681, 45.8867

Protanopia

49.5097, 52.3957, 43.1013

Deuteranopia

53.0022, 51.8970, 46.7588



Tritanopia

48.0676, 52.3913, 69.2071

Trichromacy



Original Color

43.4522, 52.5681, 45.8867

Protanomaly

47.2292, 52.5116, 44.2057

Deuteranomaly

48.8858, 51.6758, 46.4276

Tritanomaly

46.0785, 52.2429, 59.8798

Monochromacy



Original Color

43.4522, 52.5681, 45.8867

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2291, 50.0219, 50.4514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4522, 52.5681, 45.8867 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(164, 201, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 201, 170)  
}
```

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(164, 201, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 201, 170) }
```

Border

The CSS property to change the border of an element to XYZ 43.4522, 52.5681, 45.8867 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(164, 201, 170) }
```


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

```
.border{ border-color:rgb(164, 201, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 201, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 201, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 201, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 201,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4522, 52.5681, 45.8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 201, 170) }
```

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

```
.background{ background-color: rgb(164,  
201, 170) }
```

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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