

Converting Colors

XYZ(43.1002, 52.9225, 43.3060)

Have a look what the booklet for
XYZ(43.1002, 52.9225, 43.3060)
contains.

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Color

**XYZ(43.0163, 52.7442,
43.5108)**

Conversions

Conversions Part 1

Format	Color
Hex	A3CAA5
RGB	163, 202, 165
RGB Percent	64%, 79%, 65%
CMY	0.3608, 0.2078, 0.3529
CMYK	0.19, 0.00, 0.18, 0.21
HSL	123°, 27%, 72%
HSV	123°, 19%, 79%
XYZ	43.0163, 52.7442, 43.5108
YIQ	186.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

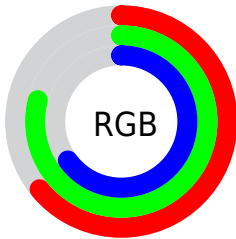
Format	Color
RYB	163, 200, 202
Decimal	10734245
CIELab	77.72, -20.10, 14.28
CIElCh	78, 24.653, 144.605
Yxy	52.7442, 0.3089, 0.3787
Android (android.graphics.Color)	4288924325 (0xFFA3CAA5)
YUV	186.1210, -10.4127, -20.2771
Hunter-Lab	72.6252, -21.3676, 15.3162

Details

The XYZ color **43.0163, 52.7442, 43.5108** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8814, 42.9222, 60.4070**, and the grayscale version is **46.8022, 49.2395, 53.6218**.

A 20% lighter version of the original color is **77.5917, 91.5927, 81.2998**, and **20.1261, 25.7516, 19.5326** is the 20% darker color. If you saturate the color by 10%, you get **37.5904, 50.1353, 34.8238**, and if you desaturate by 10%, it is **49.3671, 55.8028, 53.6078**.

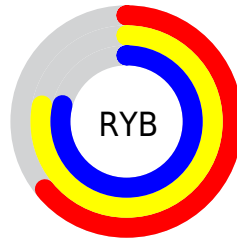
Distribution



Red (64%)

Green (79%)

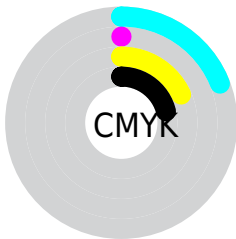
Blue (65%)



Red (64%)

Yellow (78%)

Blue (79%)

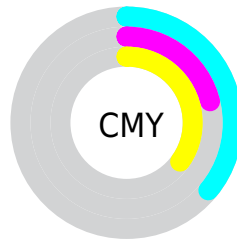


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (21%)



Cyan (36%)


Magenta (21%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0163, 52.7442, 43.5108 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 43.0163, 52.7442, 43.5108 by changing the saturation by 10% instead.


 43.0163, 52.7442,
43.5108


 43.0163, 52.7442,
43.5108


349.5992,
397.3029, 376.6910

 30.0925, 37.5986,
29.9517


 78.9910, 94.2279,
81.7757

 20.0572, 25.6713,
19.5502


 102.7726,
121.3347, 107.3187

 12.5451, 16.5779,
11.8877


130.9042,
153.1974, 137.6933

 7.1909, 9.9340,
6.5456

163.7511,
190.2004, 173.3182

 3.6292, 5.3552,
3.1055

201.6787,
232.7281, 214.6119

 1.4946, 2.4572,
1.1488

245.0524,

 0.3221, 0.8551,

281.1648, 261.9929

0.0000

294.2374,
335.8949, 315.8797

■ 0.0000, 0.0000,
0.0000

■ 43.0163, 52.7442,
43.5108

■ 43.0163, 52.7442,
43.5108

■ 37.5904, 50.1353,
34.8238

■ 49.3671, 55.8028,
53.6078

■ 33.0424, 47.9484,
27.4807

■ 56.6787, 59.3237,
65.1698

■ 29.3272, 46.1636,
21.4155

■ 64.9901, 63.3274,
78.2532

■ 26.3944, 44.7562,
16.5553

■ 74.3371, 67.8313,
92.9106

■ 24.1879, 43.6991,
12.8196

■ 80.4116, 70.7231,
104.0205

■ 22.6443, 42.9616,
10.1184

■ 21.6890, 42.5073,
8.3477

■ 21.2035, 42.2779,
7.3808

■ 21.1783, 42.2658,
7.3395

Harmonies

Analogous

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



46.4068, 52.7442, 36.6932



43.0163, 52.7442, 43.5108



41.5386, 52.7442, 54.9933

Triad

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



43.0163, 52.7442, 43.5108



49.2738, 52.7442, 87.7732



58.9478, 52.7442, 47.1663

Complementary

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



43.0163, 52.7442, 43.5108



47.8814, 42.9222, 60.4070

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.



59.8352, 52.7442, 59.9366



43.0163, 52.7442, 43.5108



54.0509, 52.7442, 84.7954

Square

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



43.0163, 52.7442, 43.5108



45.0016, 52.7442, 81.6310



57.9916, 52.7442, 74.0387



55.6378, 52.7442, 38.5573

Rectangle

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



43.0163, 52.7442, 43.5108



41.7647, 52.7442, 64.3152



57.9916, 52.7442, 74.0387



59.5478, 52.7442, 51.0536

Sweetspot

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



43.0177, 52.7464, 43.5120



87.3937, 96.3129, 96.8003



51.5664, 57.1743, 42.9687



18.5354, 20.5329, 20.4494



0.0000, 0.0000, 0.0000



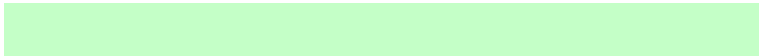
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0177, 52.7464, 43.5120



68.9666, 87.4430, 67.4946



44.9253, 53.5095, 53.5572



11.0910, 12.5461, 12.0365



13.6374, 27.2003, 4.7756



0.7119, 1.4066, 0.2903

Inverse Universe

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



47.8814, 42.9222, 60.4070



78.6283, 67.9257, 101.0551



45.7503, 42.0698, 49.1847



11.6617, 11.3934, 14.0193



21.7805, 10.5228, 32.8923



1.1314, 0.5460, 1.7380

Previews

White Background



This preview shows how the XYZ color 43.0163, 52.7442, 43.5108 looks on a white background.

Color Contrast Check

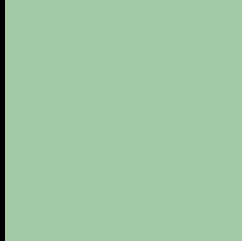
Large Text (above 18pt) WCAG AA × Fail

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 43.0163, 52.7442, 43.5108 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 43.0163, 52.7442, 43.5108

Background



This preview shows how black text looks on a background with the XYZ color 43.0163, 52.7442, 43.5108.



This preview shows how white text looks on a background with the XYZ color 43.0163, 52.7442,

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

43.0163, 52.7442, 43.5108

Protanopia

49.3331, 52.3562, 40.7633

Deuteranopia

53.4238, 52.4679, 44.8477



Tritanopia

48.2924, 52.8409, 69.2821

Trichromacy



Original Color

43.0163, 52.7442, 43.5108

Protanomaly

46.7757, 52.3302, 41.8178

Deuteranomaly

48.9874, 52.0945, 44.5191

Tritanomaly

46.0801, 52.6080, 58.7646

Monochromacy



Original Color

43.0163, 52.7442, 43.5108

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2456, 50.3786, 49.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0163, 52.7442, 43.5108 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(163, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 202, 165)  
}
```

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(163, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 202, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.0163, 52.7442, 43.5108 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(163, 202, 165) }
```


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

```
.border{ border-color:rgb(163, 202, 165) }
```

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

Here you see how a box with a 4 pixel rgb(163, 202, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 202,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0163, 52.7442, 43.5108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 202, 165) }
```

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

```
.background{ background-color: rgb(163,  
202, 165) }
```

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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