

Converting Colors

XYZ(43.0790, 52.4370, 52.1862)

Have a look what the booklet for
XYZ(43.0790, 52.4370, 52.1862)
contains.

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Color

**XYZ(43.0816, 52.5870,
52.1356)**

Conversions

Conversions Part 1

Format	Color
Hex	9BCAB6
RGB	155, 202, 182
RGB Percent	61%, 79%, 71%
CMY	0.3921, 0.2078, 0.2863
CMYK	0.23, 0.00, 0.10, 0.21
HSL	154°, 31%, 70%
HSV	154°, 23%, 79%
XYZ	43.0816, 52.5870, 52.1356
YIQ	185.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

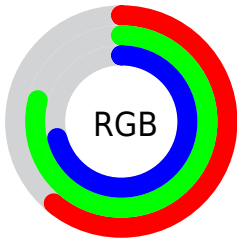
Format	Color
RYB	155, 185, 202
Decimal	10209974
CIELab	77.63, -19.50, 4.97
CIELCh	78, 20.123, 165.714
Yxy	52.5870, 0.2915, 0.3558
Android (android.graphics.Color)	4288400054 (0xFF9BCAB6)
YUV	185.6670, -1.8078, -26.8950
Hunter-Lab	72.5169, -20.8594, 8.1356

Details

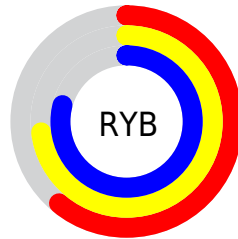
The XYZ color **43.0816, 52.5870, 52.1356** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8182, 39.0958, 45.7965**, and the grayscale version is **46.5055, 48.9274, 53.2819**.

A 20% lighter version of the original color is **77.7710, 91.3947, 94.4309**, and **20.1459, 25.6484, 24.6577** is the 20% darker color. If you saturate the color by 10%, you get **38.6633, 50.4102, 47.4332**, and if you desaturate by 10%, it is **48.2059, 55.1243, 57.1580**.

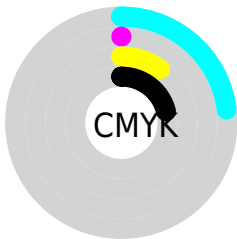
Distribution



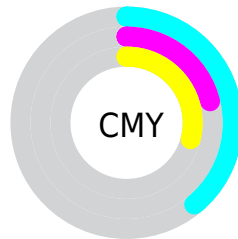
- Red (61%)
- Green (79%)
- Blue (71%)



- Red (61%)
- Yellow (73%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0816, 52.5870, 52.1356 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 43.0816, 52.5870, 52.1356 by changing the saturation by 10% instead.


 43.0816, 52.5870,
52.1356


 43.0816, 52.5870,
52.1356

349.8631,
396.6986, 411.9317

 30.1439, 37.4732,
36.7302


 79.0889, 93.9964,
94.7598

 20.0965, 25.5741,
24.7045


 102.8893,
121.0607, 122.8157

 12.5739, 16.5053,
15.6400


131.0413,
152.8773, 155.9255

 7.2107, 9.8824,
9.1182

163.9103,
189.8306, 194.5077

 3.6417, 5.3210,
4.7205

201.8616,
232.3050, 238.9809

 1.5015, 2.4368,
2.0284

245.2606,

 0.3269, 0.8447,

280.6849, 289.7636

0.5726

294.4726,
335.3546, 347.2743

■ 0.0000, 0.0000,
0.0000

■ 43.0816, 52.5870,
52.1356

■ 43.0816, 52.5870,
52.1356

■ 38.6633, 50.4102,
47.4332

■ 48.2059, 55.1243,
57.1580

■ 34.9134, 48.5705,
43.0408

■ 54.0628, 58.0314,
62.5032

■ 31.7975, 47.0514,
38.9524

■ 60.6828, 61.3253,
68.1787

■ 29.2758, 45.8327,
35.1610

■ 68.0933, 65.0202,
74.1903

■ 27.3043, 44.8919,
31.6590

■ 75.9500, 68.9384,
80.5266

■ 25.8322, 44.2027,
28.4383

■ 77.1527, 69.4194,
86.8598

■ 24.7985, 43.7340,
25.4901

■ 78.4152, 69.9245,
93.5084

■ 24.2761, 43.5048,
23.6523

■ 79.7385, 70.4538,
100.4768

■ 80.4115, 70.7230,
104.0205

Harmonies

Analogous

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



44.8190, 52.5870, 43.5712



43.0816, 52.5870, 52.1356



43.1253, 52.5870, 63.2555

Triad

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



43.0816, 52.5870, 52.1356



52.0347, 52.5870, 80.4420



55.3865, 52.5870, 43.2574

Complementary

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



43.0816, 52.5870, 52.1356



43.8182, 39.0958, 45.7965

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.



57.5303, 52.5870, 51.6527



43.0816, 52.5870, 52.1356



55.5278, 52.5870, 73.5478

Square

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



43.0816, 52.5870, 52.1356



48.1601, 52.5870, 80.6154



57.5833, 52.5870, 62.7060



51.8500, 52.5870, 38.9141

Rectangle

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



43.0816, 52.5870, 52.1356



44.1544, 52.5870, 70.6888



57.5833, 52.5870, 62.7060



56.3018, 52.5870, 45.6467

Sweetspot

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



43.0831, 52.5892, 52.1368



87.5860, 96.2907, 102.2923



44.8003, 53.7664, 39.0279



18.6157, 20.5450, 21.7756



0.0000, 0.0000, 0.0000



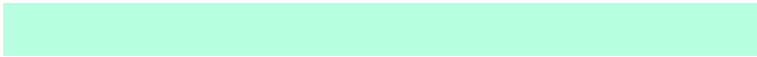
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0831, 52.5892, 52.1368



68.9695, 87.0762, 84.1311



44.5727, 52.0205, 63.5714



11.3336, 12.6432, 13.3141



15.6660, 28.0117, 15.4582



0.8457, 1.4601, 0.9949

Inverse Universe

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



43.8182, 39.0958, 45.7965



70.4333, 60.2293, 71.5218



42.5247, 39.4237, 36.3794



11.4071, 11.2916, 12.6786



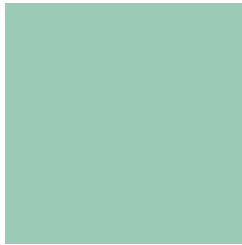
16.7961, 8.5290, 6.6448



0.9042, 0.4551, 0.5414

Previews

White Background



This preview shows how the XYZ color 43.0816, 52.5870, 52.1356 looks on a white background.

Color Contrast Check

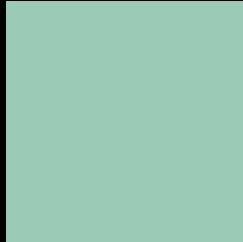
Large Text (above 18pt) WCAG AA × Fail

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 43.0816, 52.5870, 52.1356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

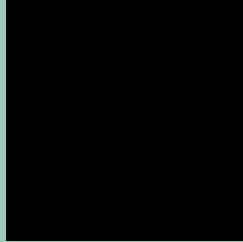
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0816, 52.5870, 52.1356

Background



This preview shows how black text looks on a background with the XYZ color 43.0816, 52.5870, 52.1356.



This preview shows how white text looks on a background with the XYZ color 43.0816, 52.5870,

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

43.0816, 52.5870, 52.1356

Protanopia

49.7560, 52.4020, 48.5665

Deuteranopia

53.3633, 52.2401, 53.7252



Tritanopia

46.6744, 52.3137, 70.5883

Trichromacy



Original Color

43.0816, 52.5870, 52.1356

Protanomaly

46.8424, 52.1896, 49.7242

Deuteranomaly

48.8736, 51.8408, 53.3293

Tritanomaly

45.3822, 52.4820, 63.6153

Monochromacy



Original Color

43.0816, 52.5870, 52.1356

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2858, 50.3160, 53.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0816, 52.5870, 52.1356 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(155, 202, 182)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 182)  
}
```

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(155, 202, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.0816, 52.5870, 52.1356 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(155, 202, 182) }
```


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

```
.border{ border-color:rgb(155, 202, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 202, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 202, 182); box-shadow:4px 4px 4px 4px rgb(155, 202, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0816, 52.5870, 52.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 182) }
```

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

```
.background{ background-color: rgb(155,  
202, 182) }
```

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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