

Converting Colors

XYZ(43.6342, 49.9548, 55.7878)

Have a look what the booklet for
XYZ(43.6342, 49.9548, 55.7878)
contains.

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Color

**XYZ(43.6903, 50.0878,
56.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C2BE
RGB	163, 194, 190
RGB Percent	64%, 76%, 75%
CMY	0.3608, 0.2392, 0.2549
CMYK	0.16, 0.00, 0.02, 0.24
HSL	172°, 20%, 70%
HSV	172°, 16%, 76%
XYZ	43.6903, 50.0878, 56.0804
YIQ	184.2750, -17.1920, -7.8160

Conversions

Conversions Part 2

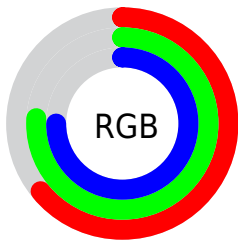
Format	Color
RYB	163, 180, 194
Decimal	10732222
CIELab	76.12, -11.20, -1.48
CIELCh	76, 11.300, 187.548
Yxy	50.0878, 0.2915, 0.3342
Android (android.graphics.Color)	4288922302 (0xFFA3C2BE)
YUV	184.2750, 2.8224, -18.6582
Hunter-Lab	70.7727, -13.6585, 2.5594

Details

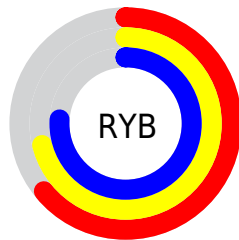
The XYZ color **43.6903, 50.0878, 56.0804** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3222, 40.4551, 42.1394**, and the grayscale version is **45.7048, 48.0850, 52.3646**.

A 20% lighter version of the original color is **80.0452, 90.5536, 100.4485**, and **20.4490, 23.9418, 27.2104** is the 20% darker color. If you saturate the color by 10%, you get **39.7477, 48.0880, 54.4799**, and if you desaturate by 10%, it is **48.2499, 52.4078, 57.7364**.

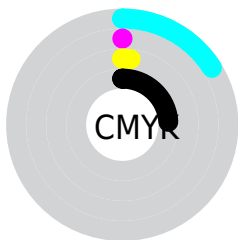
Distribution



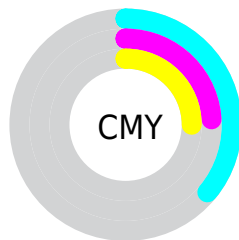
- Red (64%)
- Green (76%)
- Blue (75%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6903, 50.0878, 56.0804 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 43.6903, 50.0878, 56.0804 by changing the saturation by 10% instead.


 43.6903, 50.0878,
56.0804


 43.6903, 50.0878,
56.0804


352.3166,
387.0092, 427.3912

 30.6240, 35.4832,
39.8630


 80.0008, 90.3050,
100.6091

 20.4631, 24.0353,
27.1187


 103.9756,
116.6863, 129.7574

 12.8423, 15.3598,
17.4292


132.3173,
147.7619, 164.0531

 7.3963, 9.0723,
10.3758

165.3913,
183.9163, 203.9148

 3.7597, 4.7884,
5.5400

203.5628,
225.5338, 249.7608

 1.5671, 2.1236,
2.5032

247.1973,

 0.3708, 0.6779,

272.9989, 302.0099

0.8419

296.6601,
326.6959, 361.0805

■ 0.0000, 0.0000,
0.0000

■ 43.6903, 50.0878,
56.0804

■ 43.6903, 50.0878,
56.0804

■ 39.7477, 48.0880,
54.4799

■ 48.2499, 52.4078,
57.7364

■ 36.3900, 46.3879,
52.9302

■ 53.4480, 55.0551,
59.4459

■ 33.5889, 44.9742,
51.4309

■ 59.3106, 58.0443,
61.2114

■ 31.3119, 43.8300,
49.9803

■ 65.8608, 61.3875,
63.0339

■ 29.5230, 42.9370,
48.5766

■ 71.2557, 64.1346,
64.8274

■ 28.1818, 42.2743,
47.2179

■ 71.5558, 64.2546,
66.4076

■ 27.2414, 41.8177,
45.9017

■ 71.8607, 64.3766,
68.0133

■ 26.6425, 41.5366,
44.6251

■ 72.1705, 64.5005,
69.6447

■ 26.4500, 41.4483,
44.1209

■ 72.4852, 64.6264,
71.3017

Harmonies

Analogous

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



43.9485, 50.0878, 50.2112



43.6903, 50.0878, 56.0804



44.4566, 50.0878, 61.9430

Triad

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



43.6903, 50.0878, 56.0804



50.1271, 50.0878, 64.2965



49.1762, 50.0878, 44.4710

Complementary

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



43.6903, 50.0878, 56.0804



42.3222, 40.4551, 42.1394

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.



50.9027, 50.0878, 47.7464



43.6903, 50.0878, 56.0804



51.4630, 50.0878, 59.1046

Square

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



43.6903, 50.0878, 56.0804



48.1428, 50.0878, 66.9096



51.7509, 50.0878, 53.0224



47.0751, 50.0878, 43.7924

Rectangle

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



43.6903, 50.0878, 56.0804



45.4591, 50.0878, 64.9612



51.7509, 50.0878, 53.0224



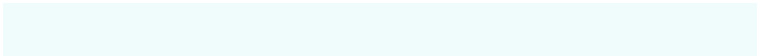
49.8214, 50.0878, 45.2924

Sweetspot

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



43.6917, 50.0899, 56.0815



88.2128, 95.3526, 104.8739



41.8687, 49.4601, 41.9912



19.1781, 20.8102, 22.9184



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.



43.6917, 50.0899, 56.0815



76.6608, 89.4794, 100.6267



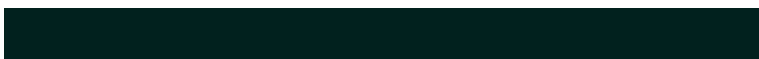
41.7013, 45.3992, 57.6064



10.3108, 11.4054, 12.6398



17.4107, 27.2583, 29.1194



0.7682, 1.1841, 1.3421

Inverse Universe

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



42.3222, 40.4551, 42.1394



73.7337, 68.8830, 70.8257



44.0677, 44.5293, 40.9235



10.1250, 10.0986, 10.7486



14.7605, 7.5939, 1.3848



0.6555, 0.3352, 0.1531

Previews

White Background



This preview shows how the XYZ color 43.6903, 50.0878, 56.0804 looks on a white background.

Color Contrast Check

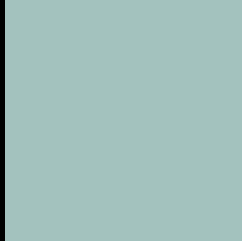
Large Text (above 18pt) WCAG AA × Fail

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 43.6903, 50.0878, 56.0804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

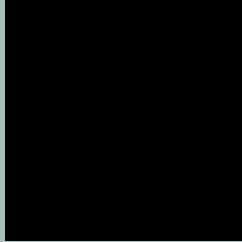
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6903, 50.0878, 56.0804

Background



This preview shows how black text looks on a background with the XYZ color 43.6903, 50.0878, 56.0804.

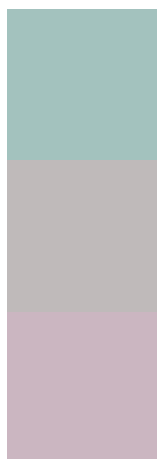


This preview shows how white text looks on a background with the XYZ color 43.6903, 50.0878,

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

43.6903, 50.0878, 56.0804

Protanopia

47.9077, 49.7393, 53.5300

Deuteranopia

50.9822, 50.0027, 57.4165



Tritanopia

45.6192, 49.8736, 66.2537

Trichromacy



Original Color

43.6903, 50.0878, 56.0804

Protanomaly

46.2233, 49.8068, 54.1912

Deuteranomaly

47.8124, 49.6149, 56.9258

Tritanomaly

44.9093, 49.9157, 62.5261

Monochromacy



Original Color

43.6903, 50.0878, 56.0804

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7506, 48.7417, 53.5039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6903, 50.0878, 56.0804 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, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(163, 194, 190)  
}
```

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, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 194, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.6903, 50.0878, 56.0804 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, 194, 190) }
```


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

```
.border{ border-color:rgb(163, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(163, 194,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6903, 50.0878, 56.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 194, 190) }
```

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

```
.background{ background-color: rgb(163,  
194, 190) }
```

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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