

Converting Colors

XYZ(43.1343, 49.5739, 53.1721)

Have a look what the booklet for
XYZ(43.1343, 49.5739, 53.1721)
contains.

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Color

**XYZ(43.1368, 49.5352,
53.1866)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C1B9
RGB	164, 193, 185
RGB Percent	64%, 76%, 73%
CMY	0.3569, 0.2431, 0.2745
CMYK	0.15, 0.00, 0.04, 0.24
HSL	163°, 19%, 70%
HSV	163°, 15%, 76%
XYZ	43.1368, 49.5352, 53.1866
YIQ	183.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

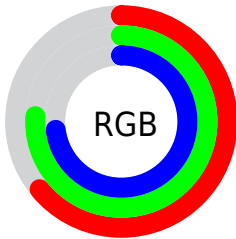
Format	Color
RYB	164, 181, 193
Decimal	10797497
CIELab	75.78, -11.37, 0.74
CIElCh	76, 11.397, 176.299
Yxy	49.5352, 0.2957, 0.3396
Android (android.graphics.Color)	4288987577 (0xFFA4C1B9)
YUV	183.4170, 0.7804, -17.0287
Hunter-Lab	70.3812, -13.7642, 4.4618

Details

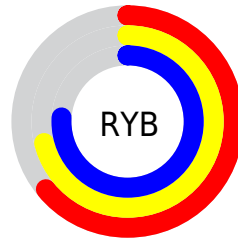
The XYZ color **43.1368, 49.5352, 53.1866** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7160, 40.8684, 44.6691**, and the grayscale version is **45.2415, 47.5976, 51.8338**.

A 20% lighter version of the original color is **78.9663, 89.1623, 96.2672**, and **20.0796, 23.5759, 25.3221** is the 20% darker color. If you saturate the color by 10%, you get **38.9006, 47.4165, 50.1090**, and if you desaturate by 10%, it is **48.0014, 51.9781, 56.4056**.

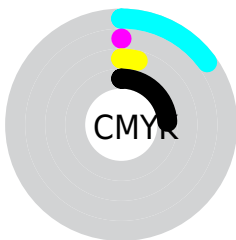
Distribution



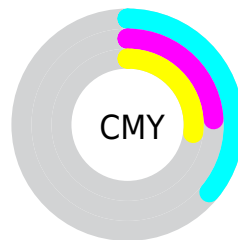
- Red (64%)
- Green (76%)
- Blue (73%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1368, 49.5352, 53.1866 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 43.1368, 49.5352, 53.1866 by changing the saturation by 10% instead.


 43.1368, 49.5352,
53.1866


 43.1368, 49.5352,
53.1866


350.0860,
384.8455, 416.0872

 30.1875, 35.0442,
37.5630

 79.1717, 89.4858,
96.3232

 20.1297, 23.6969,
25.3445


 102.9879,
115.7143, 124.6733

 12.5982, 15.1090,
16.1126

131.1572,
146.6240, 158.1027

 7.2275, 8.8959,
9.4486

164.0448,
182.5994, 197.0298

 3.6524, 4.6733,
4.9342

202.0161,
224.0248, 241.8733

 1.5074, 2.0569,
2.1506

245.4366,

 0.3309, 0.6402,

271.2847, 293.0517

0.6457

294.6714,
324.7635, 350.9835

■ 0.0000, 0.0000,
0.0000

■ 43.1368, 49.5352,
53.1866

■ 43.1368, 49.5352,
53.1866

■ 38.9006, 47.4165,
50.1090

■ 48.0014, 51.9781,
56.4056

■ 35.2612, 45.6016,
47.1671

■ 53.5157, 54.7522,
59.7652

■ 32.1904, 44.0775,
44.3593

■ 59.7055, 57.8720,
63.2686

■ 29.6564, 42.8278,
41.6830

■ 66.5936, 61.3494,
66.9181

■ 27.6237, 41.8342,
39.1352

■ 72.1478, 64.1365,
70.6197

■ 26.0529, 41.0764,
36.7129

■ 72.8294, 64.4091,
74.2089

■ 24.8980, 40.5308,
34.4126

■ 73.5334, 64.6907,
77.9158

■ 24.1033, 40.1686,
32.2303

■ 74.2599, 64.9813,
81.7415

■ 23.7859, 40.0277,
31.1859

■ 75.0092, 65.2810,
85.6872

Harmonies

Analogous

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



43.7770, 49.5352, 47.7243



43.1368, 49.5352, 53.1866



43.5273, 49.5352, 59.2649

Triad

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



43.1368, 49.5352, 53.1866



48.9076, 49.5352, 65.0717



49.3758, 49.5352, 44.8098

Complementary

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



43.1368, 49.5352, 53.1866



42.7160, 40.8684, 44.6691

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.



50.8246, 49.5352, 48.9354



43.1368, 49.5352, 53.1866



50.5487, 49.5352, 60.6633

Square

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



43.1368, 49.5352, 53.1866



46.8195, 49.5352, 66.4203



51.2601, 49.5352, 54.6912



47.3449, 49.5352, 43.1221

Rectangle

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



43.1368, 49.5352, 53.1866



44.3260, 49.5352, 62.8065



51.2601, 49.5352, 54.6912



49.9493, 49.5352, 45.9416

Sweetspot

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



43.1382, 49.5373, 53.1877



85.9190, 93.0650, 100.9880



42.8333, 49.6176, 42.4425



18.2921, 19.8950, 21.5760



92.9021, 97.7402, 106.4391



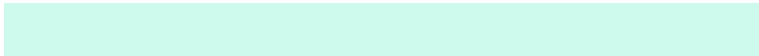
19.4759, 20.4902, 22.3138

Same Dimension

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



43.1382, 49.5373, 53.1877



74.6662, 87.4195, 93.4333



42.6474, 47.1652, 57.3105



10.2461, 11.3795, 12.2994



15.8549, 26.6360, 20.9267



0.7129, 1.1620, 1.0510

Inverse Universe

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



42.7160, 40.8684, 44.6691



73.7676, 68.9559, 75.2928



43.1227, 42.8751, 41.1258



10.1849, 10.1226, 11.0640



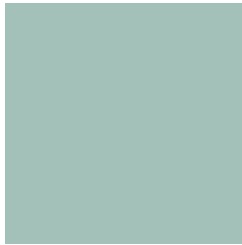
15.0883, 7.7251, 3.1113



0.6821, 0.3459, 0.2935

Previews

White Background



This preview shows how the XYZ color 43.1368, 49.5352, 53.1866 looks on a white background.

Color Contrast Check

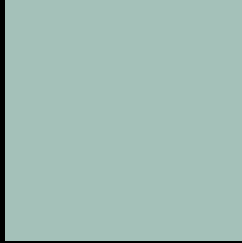
Large Text (above 18pt) WCAG AA × Fail

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 43.1368, 49.5352, 53.1866 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

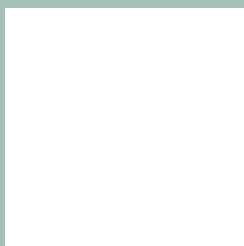
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1368, 49.5352, 53.1866

Background



This preview shows how black text looks on a background with the XYZ color 43.1368, 49.5352, 53.1866.



This preview shows how white text looks on a background with the XYZ color 43.1368, 49.5352,

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

43.1368, 49.5352, 53.1866

Protanopia

47.3853, 49.5304, 50.7789

Deuteranopia

50.3002, 49.1107, 54.4052



Tritanopia

45.5813, 49.5595, 64.9212

Trichromacy



Original Color

43.1368, 49.5352, 53.1866

Protanomaly

45.6971, 49.5963, 51.4205

Deuteranomaly

47.3049, 49.1046, 53.9986

Tritanomaly

44.7602, 49.5543, 60.6319

Monochromacy



Original Color

43.1368, 49.5352, 53.1866

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3265, 48.2314, 52.3207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1368, 49.5352, 53.1866 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, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 185)  
}
```

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, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.1368, 49.5352, 53.1866 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, 193, 185) }
```


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

```
.border{ border-color:rgb(164, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1368, 49.5352, 53.1866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 185) }
```

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

```
.background{ background-color: rgb(164,  
193, 185) }
```

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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