

# Converting Colors

XYZ(43.1194, 49.8466, 51.7900)

Have a look what the booklet for  
XYZ(43.1194, 49.8466, 51.7900)  
contains.

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# Color

**XYZ(43.0451, 49.8535,  
51.6099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4C2B6
RGB	164, 194, 182
RGB Percent	64%, 76%, 71%
CMY	0.3569, 0.2392, 0.2863
CMYK	0.15, 0.00, 0.06, 0.24
HSL	156°, 20%, 70%
HSV	156°, 15%, 76%
XYZ	43.0451, 49.8535, 51.6099
YIQ	183.6620, -14.0280, -10.0920

# Conversions

## Conversions Part 2

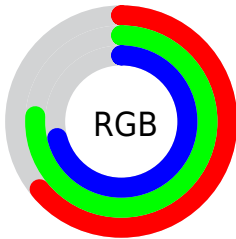
Format	Color
<b>RYB</b>	164, 183, 194
Decimal	10797750
CIELab	75.98, -12.49, 2.65
CIELCh	76, 12.768, 168.040
Yxy	49.8535, 0.2979, 0.3450
Android (android.graphics.Color)	4288987830 (0xFFA4C2B6)
YUV	183.6620, -0.8194, -17.2436
Hunter-Lab	70.6070, -14.7409, 6.0871

# Details

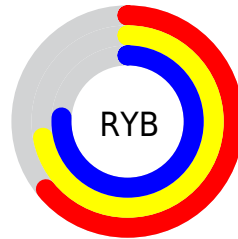
The XYZ color **43.0451, 49.8535, 51.6099** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3618, 41.1561, 46.7350**, and the grayscale version is **45.3846, 47.7481, 51.9977**.

A 20% lighter version of the original color is **79.1432, 90.2275, 94.1333**, and **20.0226, 23.7859, 24.3047** is the 20% darker color. If you saturate the color by 10%, you get **38.5630, 47.6344, 47.3291**, and if you desaturate by 10%, it is **48.1852, 52.4094, 56.1557**.

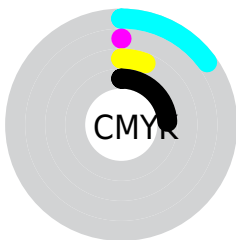
# Distribution



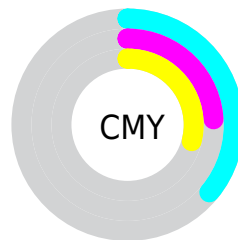
- Red (64%)
- Green (76%)
- Blue (71%)



- Red (64%)
- Yellow (72%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0451, 49.8535, 51.6099 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 43.0451, 49.8535, 51.6099 by changing the saturation by 10% instead.





 43.0451, 49.8535,  
51.6099

 43.0451, 49.8535,  
51.6099


349.7156,  
386.0928, 409.8428

 30.1152, 35.2970,  
36.3141


 79.0342, 89.9578,  
93.9764

 20.0745, 23.8918,  
24.3853


 102.8241,  
116.2744, 121.8842

 12.5578, 15.2533,  
15.4048


130.9647,  
147.2797, 154.8331

 7.1997, 8.9974,  
8.9542

163.8213,  
183.3583, 193.2416

 3.6347, 4.7395,  
4.6149

201.7594,  
224.8946, 237.5283

 1.4976, 2.0952,  
1.9684

245.1442,

 0.3242, 0.6619,

272.2728, 288.1117

0.5357

294.3412,  
325.8774, 345.4103

■ 0.0000, 0.0000,  
0.0000

■ 43.0451, 49.8535,  
51.6099

■ 43.0451, 49.8535,  
51.6099

■ 38.5630, 47.6344,  
47.3291

■ 48.1852, 52.4094,  
56.1557

■ 34.7064, 45.7313,  
43.3049

■ 54.0057, 55.3095,  
60.9680

■ 31.4464, 44.1308,  
39.5332

■ 60.5330, 58.5687,  
66.0528

■ 28.7497, 42.8159,  
36.0085

■ 67.7907, 62.1990,  
71.4144

■ 26.5801, 41.7678,  
32.7251

■ 73.5583, 65.0557,  
76.9525

■ 24.8966, 40.9657,  
29.6770

■ 74.6155, 65.4786,  
82.5197

■ 23.6518, 40.3851,  
26.8577

■ 75.7211, 65.9208,  
88.3419

■ 22.7876, 39.9962,  
24.2600

■ 76.8758, 66.3827,  
94.4224

■ 22.4679, 39.8556,  
23.1513

■ 78.0801, 66.8644,  
100.7643

# Harmonies

## Analogous

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



44.0608, 49.8535, 45.9789



43.0451, 49.8535, 51.6099



43.1631, 49.8535, 58.4444

# Triad

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



43.0451, 49.8535, 51.6099



48.8162, 49.8535, 67.7278



50.5117, 49.8535, 45.1042

# Complementary

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



43.0451, 49.8535, 51.6099



43.3618, 41.1561, 46.7350

# 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.



51.8720, 49.8535, 50.3221



43.0451, 49.8535, 51.6099



50.8708, 49.8535, 63.5290

# Square

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



43.0451, 49.8535, 51.6099



46.4418, 49.8535, 68.1458



52.0056, 49.8535, 57.0447



48.3394, 49.8535, 42.4389



# Rectangle

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



43.0451, 49.8535, 51.6099



43.8692, 49.8535, 62.7689



52.0056, 49.8535, 57.0447



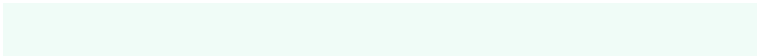
51.0822, 49.8535, 46.5968

# Sweetspot

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



43.0465, 49.8556, 51.6110



87.6789, 95.1390, 102.0624



44.0121, 50.5547, 42.5610



19.0450, 20.7570, 22.2176



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

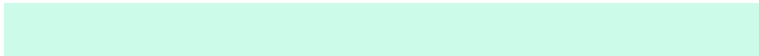


# Same Dimension

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



43.0465, 49.8556, 51.6110



74.7321, 88.7079, 90.4700



43.7891, 49.2697, 58.2435



10.1924, 11.3580, 12.0165



14.8127, 26.2191, 15.4385



0.6733, 1.1462, 0.8424



# Inverse Universe

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



43.3618, 41.1561, 46.7350



75.4266, 69.5601, 79.7401



42.6778, 41.6055, 40.9039



10.2364, 10.1432, 11.3354



15.5606, 7.9140, 5.5982



0.7064, 0.3556, 0.4211



# Previews

## White Background



This preview shows how the XYZ color 43.0451, 49.8535, 51.6099 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

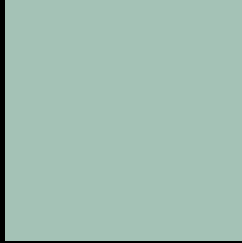
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.0451, 49.8535, 51.6099 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 43.0451, 49.8535, 51.6099**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.0451, 49.8535, 51.6099.



This preview shows how white text looks on a background with the XYZ color 43.0451, 49.8535,



# 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

43.0451, 49.8535, 51.6099

### Protanopia

47.3330, 49.5386, 49.1867

### Deuteranopia

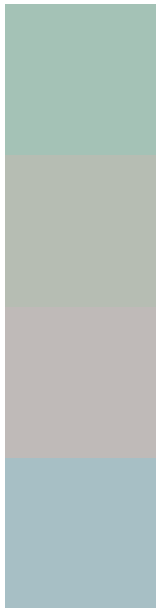
50.7344, 49.6723, 52.8127



## Tritanopia

45.7025, 49.6080, 65.5590

# Trichromacy



## Original Color

43.0451, 49.8535, 51.6099

## Protanomaly

45.6257, 49.5949, 49.8159

## Deuteranomaly

47.6965, 49.6549, 52.4179

## Tritanomaly

44.6452, 49.5083, 60.0263

# Monochromacy



## Original Color

43.0451, 49.8535, 51.6099

## Achromatopsia

45.5594, 47.9320, 52.1980

## Achromatomaly

44.6619, 48.7324, 51.8521

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.0451, 49.8535, 51.6099 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, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(164, 194, 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(164, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 194, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 43.0451, 49.8535, 51.6099 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, 194, 182) }
```



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

```
.border{ border-color:rgb(164, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(164, 194,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.0451, 49.8535, 51.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 194, 182) }
```

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

```
.background{ background-color: rgb(164,  
194, 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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