

Converting Colors

XYZ(43.7585, 49.3596, 57.6017)

Have a look what the booklet for
XYZ(43.7585, 49.3596, 57.6017)
contains.

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Color

**XYZ(43.7851, 49.4420,
57.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C0C1
RGB	164, 192, 193
RGB Percent	64%, 75%, 76%
CMY	0.3569, 0.2470, 0.2431
CMYK	0.15, 0.01, 0.00, 0.24
HSL	182°, 19%, 70%
HSV	182°, 15%, 76%
XYZ	43.7851, 49.4420, 57.6876
YIQ	183.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

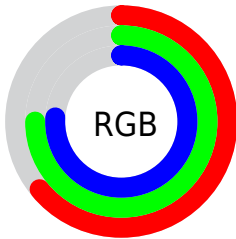
Format	Color
RYB	164, 178, 193
Decimal	10797249
CIELab	75.73, -9.21, -3.69
CIELCh	76, 9.920, 201.818
Yxy	49.4420, 0.2901, 0.3276
Android (android.graphics.Color)	4288987329 (0xFFA4C0C1)
YUV	183.7420, 4.5642, -17.3137
Hunter-Lab	70.3150, -11.8994, 0.5780

Details

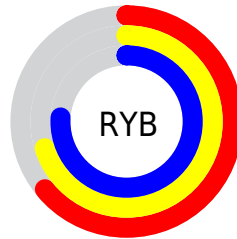
The XYZ color **43.7851, 49.4420, 57.6876** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1487, 40.9280, 40.8013**, and the grayscale version is **45.4011, 47.7655, 52.0166**.

A 20% lighter version of the original color is **79.8797, 89.0344, 102.5978**, and **20.6483, 23.8034, 28.3172** is the 20% darker color. If you saturate the color by 10%, you get **39.9554, 47.2532, 57.4677**, and if you desaturate by 10%, it is **48.2227, 51.9479, 57.9382**.

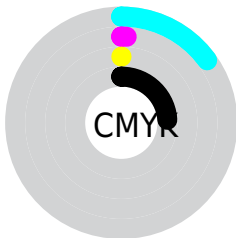
Distribution



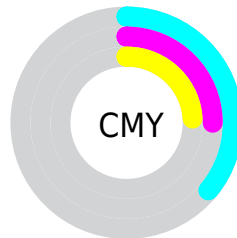
- Red (64%)
- Green (75%)
- Blue (76%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7851, 49.4420, 57.6876 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 43.7851, 49.4420, 57.6876 by changing the saturation by 10% instead.


 43.7851, 49.4420,
57.6876


 43.7851, 49.4420,
57.6876


352.6976,
384.4798, 433.5866

 30.6988, 34.9702,
41.1445

 80.1426, 89.3476,
102.9781

 20.5203, 23.6399,
28.1115

 104.1445,
115.5502, 132.5625

 12.8843, 15.0667,
18.1699

132.5157,
146.4318, 167.3312

 7.4253, 8.8662,
10.9014

165.6215,
182.3769, 207.7026

 3.7782, 4.6540,
5.8872

203.8272,
223.7699, 254.0953

 1.5774, 2.0457,
2.7089

247.4982,

 0.3776, 0.6338,

270.9951, 306.9279

0.9479

296.9999,
324.4369, 366.6188

■ 0.0000, 0.0000,
0.0000

■ 43.7851, 49.4420,
57.6876

■ 43.7851, 49.4420,
57.6876

■ 39.9554, 47.2532,
57.4677

■ 48.2227, 51.9479,
57.9382

■ 36.7023, 45.3612,
57.2740

■ 53.2895, 54.7777,
58.2173

■ 33.9979, 43.7531,
57.1062

■ 59.0108, 57.9460,
58.5273

■ 31.8105, 42.4125,
56.9627

■ 65.4093, 61.4643,
58.8692

■ 30.1050, 41.3213,
56.8420

■ 70.4533, 64.2853,
59.1479

■ 28.8420, 40.4592,
56.7421

■ 70.6027, 64.5841,
59.1977

■ 27.9760, 39.8027,
56.6610

■ 70.7527, 64.8842,
59.2477

■ 27.4514, 39.3232,
56.5961

■ 70.9034, 65.1856,
59.2979

■ 27.2614, 39.1216,
56.5672

■ 71.0548, 65.4884,
59.3484

Harmonies

Analogous

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



43.5781, 49.4420, 52.4050



43.7851, 49.4420, 57.6876



44.8403, 49.4420, 62.1963

Triad

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



43.7851, 49.4420, 57.6876



49.8289, 49.4420, 60.3422



47.4983, 49.4420, 44.4161

Complementary

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



43.7851, 49.4420, 57.6876



42.1487, 40.9280, 40.8013

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.



49.2139, 49.4420, 46.2569



43.7851, 49.4420, 57.6876



50.5821, 49.4420, 55.2886

Square

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



43.7851, 49.4420, 57.6876



48.3201, 49.4420, 63.7972



50.3542, 49.4420, 50.1558



45.6907, 49.4420, 44.9660

Rectangle

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



43.7851, 49.4420, 57.6876



45.8980, 49.4420, 64.0438



50.3542, 49.4420, 50.1558



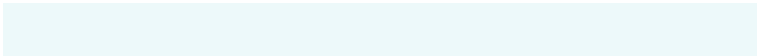
48.1056, 49.4420, 44.7713

Sweetspot

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



43.7865, 49.4440, 57.6887



86.3213, 93.0126, 103.7639



41.1692, 48.7487, 42.8219



18.3903, 19.8822, 22.2537



92.9021, 97.7402, 106.4391



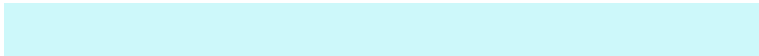
19.4759, 20.4902, 22.3138

Same Dimension

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



43.7865, 49.4440, 57.6887



76.0699, 87.2154, 103.1852



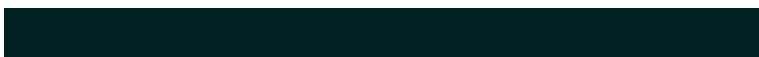
40.7640, 43.3991, 56.6812



10.3379, 11.3671, 12.9340



18.1443, 26.0452, 37.6275



0.7934, 1.1442, 1.6289

Inverse Universe

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



44.7833, 41.6952, 55.5591



78.1983, 70.7282, 98.6247



44.9078, 46.4463, 41.7210



10.4819, 10.2413, 12.6280



20.5544, 9.9115, 31.8952



0.8929, 0.4302, 1.4032

Previews

White Background



This preview shows how the XYZ color 43.7851, 49.4420, 57.6876 looks on a white background.

Color Contrast Check

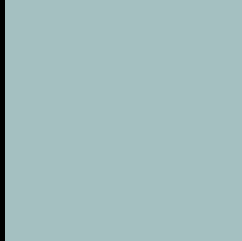
Large Text (above 18pt) WCAG AA × Fail

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 43.7851, 49.4420, 57.6876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

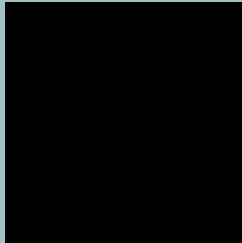
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

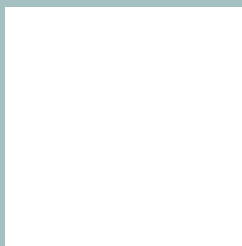
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7851, 49.4420, 57.6876

Background



This preview shows how black text looks on a background with the XYZ color 43.7851, 49.4420, 57.6876.

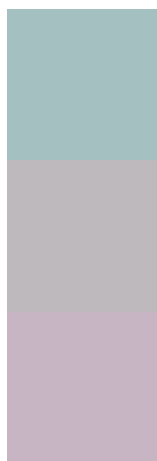


This preview shows how white text looks on a background with the XYZ color 43.7851, 49.4420,

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

43.7851, 49.4420, 57.6876

Protanopia

47.5205, 49.1909, 55.1343

Deuteranopia

50.1936, 49.2672, 58.4938



Tritanopia

45.1588, 49.3417, 64.9014

Trichromacy



Original Color

43.7851, 49.4420, 57.6876

Protanomaly

46.0999, 49.3874, 55.8182

Deuteranomaly

47.5801, 49.1578, 58.0196

Tritanomaly

44.6905, 49.4780, 62.4531

Monochromacy



Original Color

43.7851, 49.4420, 57.6876

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8714, 48.4756, 54.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7851, 49.4420, 57.6876 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, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 192, 193)  
}
```

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, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.7851, 49.4420, 57.6876 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, 192, 193) }
```


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

```
.border{ border-color:rgb(164, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7851, 49.4420, 57.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 192, 193) }
```

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

```
.background{ background-color: rgb(164,  
192, 193) }
```

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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