

Converting Colors

XYZ(43.8440, 49.8872, 55.9366)

Have a look what the booklet for
XYZ(43.8440, 49.8872, 55.9366)
contains.

XYZ(43.8813, 49.8570, 56.0258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.8813, 49.8570,
56.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C1BE
RGB	165, 193, 190
RGB Percent	65%, 76%, 75%
CMY	0.3529, 0.2431, 0.2549
CMYK	0.15, 0.00, 0.02, 0.24
HSL	174°, 18%, 70%
HSV	174°, 15%, 76%
XYZ	43.8813, 49.8570, 56.0258
YIQ	184.2860, -15.7250, -6.8690

Conversions

Conversions Part 2

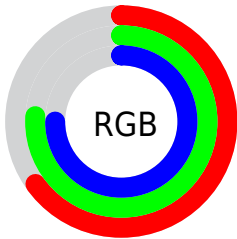
Format	Color
R _Y B	165, 180, 193
Decimal	10863038
CIE Lab	75.98, -10.03, -1.68
CIE LCh	76, 10.169, 189.490
Yxy	49.8570, 0.2930, 0.3329
Android (android.graphics.Color)	4289053118 (0xFFA5C1BE)
YUV	184.2860, 2.8170, -16.9138
Hunter-Lab	70.6095, -12.6352, 2.3824

Details

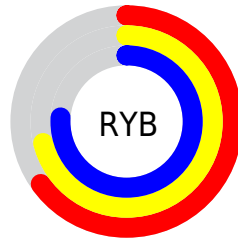
The XYZ color **43.8813, 49.8570, 56.0258** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5171, 41.0762, 42.7356**, and the grayscale version is **45.7104, 48.0909, 52.3709**.

A 20% lighter version of the original color is **80.0254, 89.6208, 100.2695**, and **20.5580, 23.7821, 27.1738** is the 20% darker color. If you saturate the color by 10%, you get **39.9417, 47.8533, 54.6699**, and if you desaturate by 10%, it is **48.4328, 52.1784, 57.4292**.

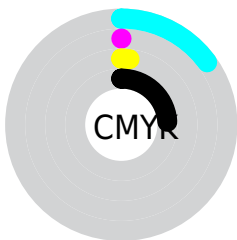
Distribution



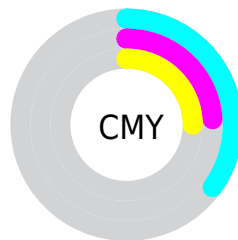
- Red (65%)
- Green (76%)
- Blue (75%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8813, 49.8570, 56.0258 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 43.8813, 49.8570, 56.0258 by changing the saturation by 10% instead.


 43.8813, 49.8570,
56.0258


 43.8813, 49.8570,
56.0258


353.0841,
386.1065, 427.1798

 30.7747, 35.2998,
39.8195

 80.2866, 89.9630,
100.5285

 20.5783, 23.8939,
27.0851


 104.3159,
116.2805, 129.6619

 12.9268, 15.2549,
17.4041


132.7169,
147.2870, 163.9414

 7.4548, 8.9985,
10.3581

165.8550,
183.3667, 203.7856

 3.7970, 4.7402,
5.5283

204.0953,
224.9041, 249.6130

 1.5879, 2.0956,
2.4963

247.8034,

 0.3845, 0.6622,

272.2836, 301.8421

0.8382

297.3445,
325.8896, 360.8915

■ 0.0000, 0.0000,
0.0000

■ 43.8813, 49.8570,
56.0258

■ 43.8813, 49.8570,
56.0258

■ 39.9417, 47.8533,
54.6699

■ 48.4328, 52.1784,
57.4292

■ 36.5826, 46.1473,
53.3568

■ 53.6174, 54.8244,
58.8781

■ 33.7764, 44.7258,
52.0862

■ 59.4602, 57.8095,
60.3746

■ 31.4914, 43.5727,
50.8566

■ 65.9841, 61.1452,
61.9200

■ 29.6927, 42.6699,
49.6662

■ 70.7771, 63.5883,
63.4015

■ 28.3413, 41.9974,
48.5132

■ 71.0213, 63.6859,
64.6871

■ 27.3918, 41.5317,
47.3953

■ 71.2687, 63.7849,
65.9901

■ 26.7896, 41.2446,
46.3100

■ 71.5195, 63.8852,
67.3105

■ 26.5469, 41.1322,
45.7251

■ 71.7735, 63.9868,
68.6483

Harmonies

Analogous

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



44.0537, 49.8570, 50.7084



43.8813, 49.8570, 56.0258



44.6288, 49.8570, 61.2014

Triad

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



43.8813, 49.8570, 56.0258



49.7445, 49.8570, 62.7505



48.6767, 49.8570, 45.0804

Complementary

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



43.8813, 49.8570, 56.0258



42.5171, 41.0762, 42.7356

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.



50.2577, 49.8570, 47.9118



43.8813, 49.8570, 56.0258



50.8855, 49.8570, 58.0276

Square

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



43.8813, 49.8570, 56.0258



47.9913, 49.8570, 65.2511



51.0758, 49.8570, 52.5822



46.7889, 49.8570, 44.6234

Rectangle

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



43.8813, 49.8570, 56.0258



45.5603, 49.8570, 63.7890



51.0758, 49.8570, 52.5822



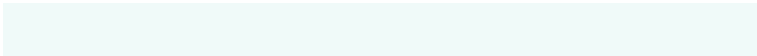
49.2631, 49.8570, 45.7766

Sweetspot

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



43.8827, 49.8591, 56.0269



87.1292, 93.6464, 102.9654



42.0683, 49.2128, 42.8799



18.5501, 20.0178, 22.0479



92.9021, 97.7402, 106.4391



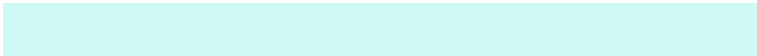
19.4759, 20.4902, 22.3138

Same Dimension

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



43.8827, 49.8591, 56.0269



76.5374, 88.2483, 99.6618



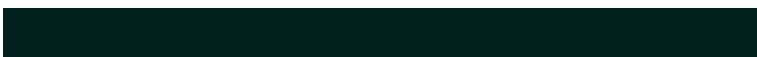
41.9268, 45.4165, 57.0110



10.3205, 11.4092, 12.6910



17.6738, 27.3636, 30.5052



0.7772, 1.1877, 1.3897

Inverse Universe

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



42.5171, 41.0762, 42.7356



73.6827, 69.8856, 71.8750



44.2587, 45.0019, 41.9517



10.1161, 10.0951, 10.7021



14.7305, 7.5819, 1.2267



0.6515, 0.3336, 0.1321

Previews

White Background



This preview shows how the XYZ color 43.8813, 49.8570, 56.0258 looks on a white background.

Color Contrast Check

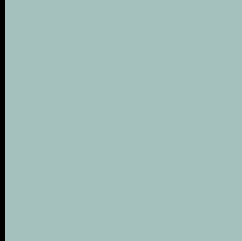
Large Text (above 18pt) WCAG AA × Fail

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 43.8813, 49.8570, 56.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

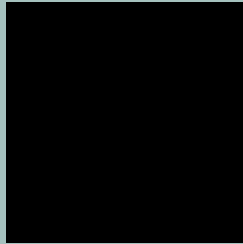
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

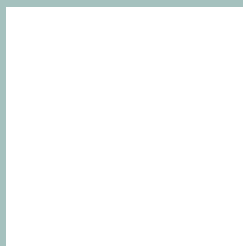
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8813, 49.8570, 56.0258

Background



This preview shows how black text looks on a background with the XYZ color 43.8813, 49.8570, 56.0258.

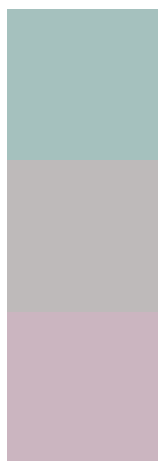


This preview shows how white text looks on a background with the XYZ color 43.8813, 49.8570,

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

43.8813, 49.8570, 56.0258

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.6669, 49.5500, 56.7628



Tritanopia

45.9198, 50.0427, 65.6315

Trichromacy



Original Color

43.8813, 49.8570, 56.0258

Protanomaly

46.2233, 49.8068, 54.1912

Deuteranomaly

47.7392, 49.2783, 56.2858

Tritanomaly

45.2113, 50.0849, 61.9280

Monochromacy



Original Color

43.8813, 49.8570, 56.0258

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7647, 48.4329, 53.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8813, 49.8570, 56.0258 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(165, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 193, 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(165, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 193, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.8813, 49.8570, 56.0258 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(165, 193, 190) }
```


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

```
.border{ border-color:rgb(165, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 193, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 193, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 193,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8813, 49.8570, 56.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 193, 190) }
```

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

```
.background{ background-color: rgb(165,  
193, 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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