

Converting Colors

XYZ(43.8912, 49.7343, 54.4286)

Have a look what the booklet for
XYZ(43.8912, 49.7343, 54.4286)
contains.

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Color

**XYZ(43.9760, 49.9433,
54.3359)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C1BB
RGB	167, 193, 187
RGB Percent	65%, 76%, 73%
CMY	0.3451, 0.2431, 0.2667
CMYK	0.13, 0.00, 0.03, 0.24
HSL	166°, 17%, 71%
HSV	166°, 13%, 76%
XYZ	43.9760, 49.9433, 54.3359
YIQ	184.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

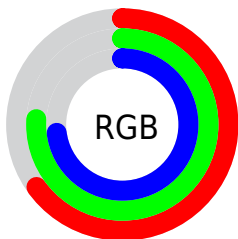
Format	Color
R _Y B	167, 182, 193
Decimal	10994107
CIE Lab	76.03, -9.98, 0.04
CIE LCh	76, 9.981, 179.755
Yxy	49.9433, 0.2966, 0.3369
Android (android.graphics.Color)	4289184187 (0xFFA7C1BB)
YUV	184.5420, 1.2118, -15.3843
Hunter-Lab	70.6706, -12.5988, 3.8836

Details

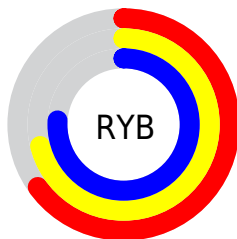
The XYZ color **43.9760, 49.9433, 54.3359** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3557, 41.9934, 45.3580**, and the grayscale version is **45.8599, 48.2482, 52.5423**.

A 20% lighter version of the original color is **80.1775, 89.7520, 97.8921**, and **20.6059, 23.8313, 26.0681** is the 20% darker color. If you saturate the color by 10%, you get **39.7297, 47.8099, 51.6864**, and if you desaturate by 10%, it is **48.8485, 52.4005, 57.0940**.

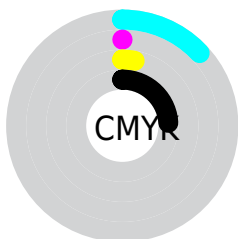
Distribution



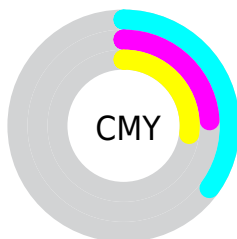
- Red (65%)
- Green (76%)
- Blue (73%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9760, 49.9433, 54.3359 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 43.9760, 49.9433, 54.3359 by changing the saturation by 10% instead.


 43.9760, 49.9433,
54.3359


 43.9760, 49.9433,
54.3359

353.4642,
386.4442, 420.6004

 30.8495, 35.3683,
38.4753


 80.4282, 90.0909,
98.0286

 20.6355, 23.9468,
26.0471


 104.4846,
116.4323, 126.6978

 12.9688, 15.2941,
16.6328

132.9150,
147.4646, 160.4736

 7.4839, 9.0261,
9.8138

166.0847,
183.5723, 199.7745

 3.8155, 4.7582,
5.1717

204.3591,
225.1397, 245.0191

 1.5983, 2.1061,
2.2879

248.1036,

 0.3913, 0.6681,

272.5512, 296.6259

0.7244

297.6835,
326.1912, 355.0135

■ 0.0000, 0.0000,
0.0000

■ 43.9760, 49.9433,
54.3359

■ 43.9760, 49.9433,
54.3359

■ 39.7297, 47.8099,
51.6864

■ 48.8485, 52.4005,
57.0940

■ 36.0783, 45.9801,
49.1404

■ 54.3682, 55.1884,
59.9594

■ 32.9943, 44.4411,
46.6967

■ 60.5605, 58.3211,
62.9348

■ 30.4461, 43.1767,
44.3533

■ 67.4480, 61.8106,
66.0221

■ 28.3992, 42.1691,
42.1078

■ 71.8542, 64.0191,
69.0732

■ 26.8148, 41.3982,
39.9577

■ 72.4147, 64.2433,
72.0249

■ 25.6482, 40.8412,
37.9002

■ 72.9908, 64.4738,
75.0585

■ 24.8459, 40.4703,
35.9319

■ 73.5826, 64.7105,
78.1748

■ 24.4517, 40.2941,
34.6918

■ 74.1902, 64.9535,
81.3743

Harmonies

Analogous

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



44.4411, 49.9433, 49.3731



43.9760, 49.9433, 54.3359



44.4264, 49.9433, 59.6331

Triad

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



43.9760, 49.9433, 54.3359



49.2701, 49.9433, 63.7837



49.2973, 49.9433, 45.9880

Complementary

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



43.9760, 49.9433, 54.3359



43.3557, 41.9934, 45.3580

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.



50.6487, 49.9433, 49.4444



43.9760, 49.9433, 54.3359



50.6327, 49.9433, 59.7140

Square

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



43.9760, 49.9433, 54.3359



47.4543, 49.9433, 65.3002



51.1435, 49.9433, 54.4237



47.4849, 49.9433, 44.7502

Rectangle

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



43.9760, 49.9433, 54.3359



45.1922, 49.9433, 62.5944



51.1435, 49.9433, 54.4237



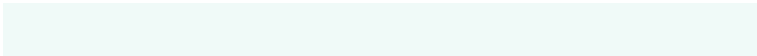
49.8223, 49.9433, 46.9173

Sweetspot

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



43.9774, 49.9454, 54.3370



86.9372, 93.5696, 101.9543



43.2950, 49.8240, 43.8952



18.5013, 19.9983, 21.7909



92.9021, 97.7402, 106.4391



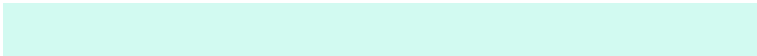
19.4759, 20.4902, 22.3138

Same Dimension

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



43.9774, 49.9454, 54.3370



76.5368, 88.3295, 95.9757



43.1366, 47.2136, 57.2941



10.2658, 11.3874, 12.4032



16.2943, 26.8118, 23.2404



0.7289, 1.1684, 1.1352

Inverse Universe

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



43.3557, 41.9934, 45.3580



75.2199, 71.4794, 76.9515



44.0923, 44.3754, 42.8015



10.1663, 10.1151, 10.9665



14.9628, 7.6749, 2.4503



0.6739, 0.3426, 0.2504

Previews

White Background



This preview shows how the XYZ color 43.9760, 49.9433, 54.3359 looks on a white background.

Color Contrast Check

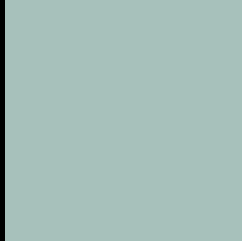
Large Text (above 18pt) WCAG AA × Fail

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 43.9760, 49.9433, 54.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

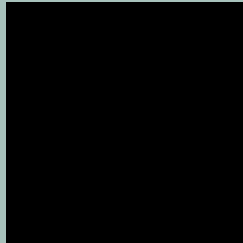
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9760, 49.9433, 54.3359

Background



This preview shows how black text looks on a background with the XYZ color 43.9760, 49.9433, 54.3359.



This preview shows how white text looks on a background with the XYZ color 43.9760, 49.9433,

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

43.9760, 49.9433, 54.3359

Protanopia

47.5920, 49.6131, 51.8677

Deuteranopia

50.6110, 49.5592, 55.0425



Tritanopia

46.0105, 49.7807, 64.9412

Trichromacy



Original Color

43.9760, 49.9433, 54.3359

Protanomaly

46.1407, 49.8010, 52.5281

Deuteranomaly

47.9119, 49.4051, 54.5879

Tritanomaly

45.1860, 49.7738, 60.6518

Monochromacy



Original Color

43.9760, 49.9433, 54.3359

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.2062, 48.9766, 53.5252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9760, 49.9433, 54.3359 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(167, 193, 187)` looks like.

```
.text, #text, p{  
    color:rgb(167, 193, 187)  
}
```

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(167, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 193, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.9760, 49.9433, 54.3359 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(167, 193, 187) }
```


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

```
.border{ border-color:rgb(167, 193, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 193, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 193, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 193, 187); box-shadow:4px 4px 4px 4px rgb(167, 193, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9760, 49.9433, 54.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 193, 187) }
```

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

```
.background{ background-color: rgb(167,  
193, 187) }
```

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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