

Converting Colors

XYZ(39.2036, 49.5374, 50.3258)

Have a look what the booklet for
XYZ(39.2036, 49.5374, 50.3258)
contains.

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Color

**XYZ(39.2076, 49.5905,
50.1533)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC7B3
RGB	139, 199, 179
RGB Percent	55%, 78%, 70%
CMY	0.4549, 0.2196, 0.2980
CMYK	0.30, 0.00, 0.10, 0.22
HSL	160°, 35%, 66%
HSV	160°, 30%, 78%
XYZ	39.2076, 49.5905, 50.1533
YIQ	178.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

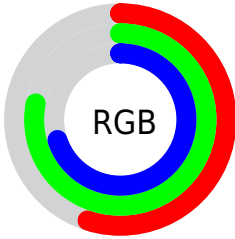
Format	Color
RYB	139, 175, 199
Decimal	9160627
CIELab	75.82, -23.56, 3.85
CIElCh	76, 23.872, 170.725
Yxy	49.5905, 0.2822, 0.3569
Android (android.graphics.Color)	4287350707 (0xFF8BC7B3)
YUV	178.7800, 0.1085, -34.8871
Hunter-Lab	70.4205, -23.8536, 7.0682

Details

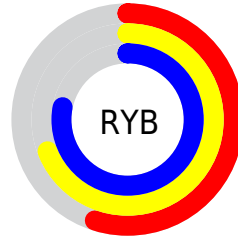
The XYZ color **39.2076, 49.5905, 50.1533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0456, 33.1119, 37.1363**, and the grayscale version is **42.7424, 44.9683, 48.9705**.

A 20% lighter version of the original color is **73.0035, 88.9875, 91.9259**, and **17.8218, 23.7834, 23.3900** is the 20% darker color. If you saturate the color by 10%, you get **35.5278, 47.7705, 46.5631**, and if you desaturate by 10%, it is **43.5273, 51.7393, 53.9441**.

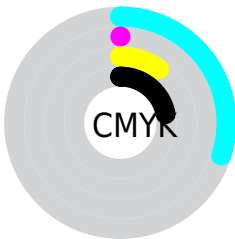
Distribution



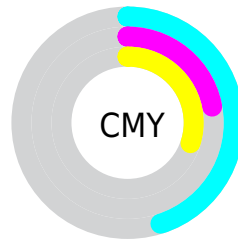
- Red (55%)
- Green (78%)
- Blue (70%)



- Red (55%)
- Yellow (69%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (45%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2076, 49.5905, 50.1533 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 39.2076, 49.5905, 50.1533 by changing the saturation by 10% instead.


 39.2076, 49.5905,
50.1533


 39.2076, 49.5905,
50.1533


333.9643,
385.0624, 404.0174


 27.1027, 35.0881,
35.1632


 73.2474, 89.5678,
91.8006

 17.7874, 23.7308,
23.5040


 95.9130, 115.8116,
119.2949

 10.8962, 15.1340,
14.7573


 122.8296,
146.7380, 151.7943

 6.0639, 8.9135,
8.5045

154.3625,
182.7313, 189.7174

 2.9250, 4.6848,
4.3271

190.8770,
224.1760, 233.4827

 1.1142, 2.0635,
1.8064

232.7386,

 0.0370, 0.6440,

271.4565, 283.5088

0.4322

280.3126,
324.9572, 340.2142

■ 0.0000, 0.0000,
0.0000

■ 39.2076, 49.5905,
50.1533

■ 39.2076, 49.5905,
50.1533

■ 35.5278, 47.7705,
46.5631

■ 43.5273, 51.7393,
53.9441

■ 32.4504, 46.2560,
43.1663

■ 48.5136, 54.2266,
57.9358

■ 29.9405, 45.0305,
39.9598

■ 54.1965, 57.0693,
62.1332

■ 27.9575, 44.0730,
36.9394

■ 60.6032, 60.2811,
66.5398

■ 26.4553, 43.3599,
34.1003

■ 67.7591, 63.8753,
71.1589

■ 25.3794, 42.8630,
31.4375

■ 74.4250, 67.2129,
75.9347

■ 24.6347, 42.5328,
28.9798

■ 75.3150, 67.5689,
80.6218

■ 76.2403, 67.9390,
85.4943

■ 77.2012, 68.3234,
90.5542

Harmonies

Analogous

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



40.8351, 49.5905, 39.9611



39.2076, 49.5905, 50.1533



39.5984, 49.5905, 63.1094

Triad

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



39.2076, 49.5905, 50.1533



50.2175, 49.5905, 80.2164



52.7426, 49.5905, 37.2075

Complementary

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



39.2076, 49.5905, 50.1533



39.0456, 33.1119, 37.1363

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.



55.5703, 49.5905, 45.8044



39.2076, 49.5905, 50.1533



54.0501, 49.5905, 70.9826

Square

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



39.2076, 49.5905, 50.1533



45.7728, 49.5905, 81.8697



56.0632, 49.5905, 58.0293



48.5225, 49.5905, 33.2975

Rectangle

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



39.2076, 49.5905, 50.1533



40.9612, 49.5905, 71.5521



56.0632, 49.5905, 58.0293



53.8983, 49.5905, 39.5751

Sweetspot

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



39.2090, 49.5925, 50.1544



85.8974, 95.4212, 102.1694



39.5824, 50.1867, 32.0277



18.0896, 20.2762, 21.6416



0.0000, 0.0000, 0.0000



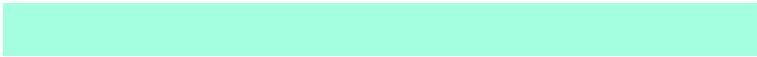
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2090, 49.5925, 50.1544



64.4137, 84.7311, 83.7636



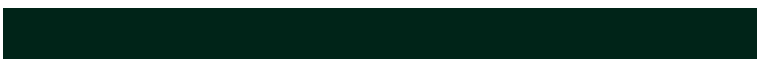
39.3713, 46.4413, 60.9242



10.7906, 12.0051, 12.8474



15.8820, 27.3652, 18.8552



0.7846, 1.3088, 1.0645

Inverse Universe

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



39.0456, 33.1119, 37.1363



64.0882, 51.4117, 57.4685



38.8049, 35.1874, 29.1736



10.7773, 10.6943, 11.8104



15.8207, 8.0778, 4.2654



0.7829, 0.3960, 0.3798

Previews

White Background



This preview shows how the XYZ color 39.2076, 49.5905, 50.1533 looks on a white background.

Color Contrast Check

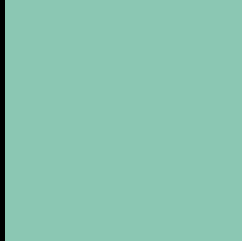
Large Text (above 18pt) WCAG AA × Fail

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 39.2076, 49.5905, 50.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

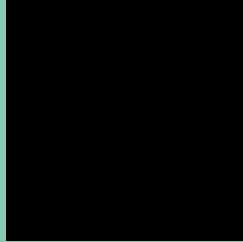
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2076, 49.5905, 50.1533

Background



This preview shows how black text looks on a background with the XYZ color 39.2076, 49.5905, 50.1533.



This preview shows how white text looks on a background with the XYZ color 39.2076, 49.5905,

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

39.2076, 49.5905, 50.1533

Protanopia

46.7877, 49.0139, 46.0244

Deuteranopia

50.0453, 49.0405, 51.6278



Tritanopia

42.7787, 49.3477, 68.2432

Trichromacy



Original Color

39.2076, 49.5905, 50.1533

Protanomaly

43.3849, 48.8063, 47.6914

Deuteranomaly

45.2699, 48.7418, 51.2781

Tritanomaly

41.3764, 49.4430, 61.3955

Monochromacy



Original Color

39.2076, 49.5905, 50.1533

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.0054, 46.2650, 49.4166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2076, 49.5905, 50.1533 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(139, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 179)  
}
```

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(139, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.2076, 49.5905, 50.1533 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(139, 199, 179) }
```


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

```
.border{ border-color:rgb(139, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2076, 49.5905, 50.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 179) }
```

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

```
.background{ background-color: rgb(139,  
199, 179) }
```

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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