

Converting Colors

XYZ(39.0600, 46.2145, 49.3169)

Have a look what the booklet for
XYZ(39.0600, 46.2145, 49.3169)
contains.

XYZ(39.0968, 46.2292, 49.5103)	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(39.0968, 46.2292,
49.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	97BDB3
RGB	151, 189, 179
RGB Percent	59%, 74%, 70%
CMY	0.4078, 0.2588, 0.2980
CMYK	0.20, 0.00, 0.05, 0.26
HSL	164°, 22%, 67%
HSV	164°, 20%, 74%
XYZ	39.0968, 46.2292, 49.5103
YIQ	176.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

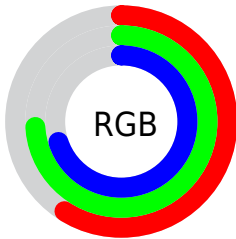
Format	Color
RYB	151, 173, 189
Decimal	9944499
CIELab	73.69, -14.76, 0.85
CIELCh	74, 14.784, 176.704
Yxy	46.2292, 0.2900, 0.3429
Android (android.graphics.Color)	4288134579 (0xFF97BDB3)
YUV	176.4980, 1.2335, -22.3617
Hunter-Lab	67.9921, -16.3450, 4.4208

Details

The XYZ color **39.0968, 46.2292, 49.5103** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4876, 35.5265, 38.5491**, and the grayscale version is **41.5290, 43.6917, 47.5803**.

A 20% lighter version of the original color is **73.1014, 84.4248, 91.0400**, and **17.7156, 21.7673, 23.0065** is the 20% darker color. If you saturate the color by 10%, you get **35.3726, 44.3676, 46.7574**, and if you desaturate by 10%, it is **43.4041, 48.3917, 52.3872**.

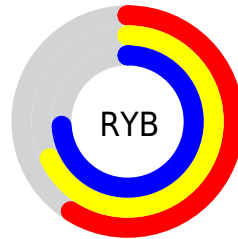
Distribution



Red (59%)

Green (74%)

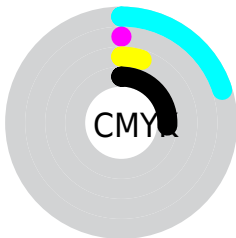
Blue (70%)



Red (59%)

Yellow (68%)

Blue (74%)

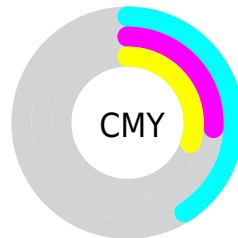


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (26%)



Cyan (41%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0968, 46.2292, 49.5103 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 39.0968, 46.2292, 49.5103 by changing the saturation by 10% instead.

■ 39.0968, 46.2292,
49.5103

■ 39.0968, 46.2292,
49.5103

333.5019,
371.7293, 401.4279

■ 27.0161, 32.4267,
34.6560

■ 73.0793, 84.5619,
90.8377

■ 17.7220, 21.6876,
23.1166

■ 95.7118, 109.8609,
118.1479

■ 10.8490, 13.6276,
14.4735

122.5923,
139.7609, 150.4471

■ 6.0320, 7.8621,
8.3082

154.0861,
174.6463, 188.1540

■ 2.9054, 4.0068,
4.2022

190.5587,
214.9014, 231.6869

■ 1.1039, 1.6774,
1.7369

232.3752,

■ 0.0284, 0.4089,

260.9107, 281.4645

0.3859

279.9012,
313.0586, 337.9053

■ 0.0000, 0.0000,
0.0000

■ 39.0968, 46.2292,
49.5103

■ 39.0968, 46.2292,
49.5103

■ 35.3726, 44.3676,
46.7574

■ 43.4041, 48.3917,
52.3872

■ 32.2007, 42.7875,
44.1232

■ 48.3158, 50.8625,
55.3871

■ 29.5532, 41.4756,
41.6063

■ 53.8567, 53.6555,
58.5133

■ 27.3984, 40.4157,
39.2043

■ 60.0493, 56.7823,
61.7675

■ 25.7008, 39.5895,
36.9144

■ 66.9148, 60.2538,
65.1518

■ 24.4201, 38.9762,
34.7337

■ 70.9285, 62.2529,
68.5021

■ 23.5088, 38.5514,
32.6589

■ 71.5537, 62.5030,
71.7943

■ 22.8774, 38.2685,
30.7050

■ 72.1983, 62.7608,
75.1886

■ 72.8625, 63.0265,
78.6860

Harmonies

Analogous

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



39.8595, 46.2292, 42.8195



39.0968, 46.2292, 49.5103



39.5885, 46.2292, 57.1058

Triad

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



39.0968, 46.2292, 49.5103



46.2438, 46.2292, 64.3648



46.7651, 46.2292, 39.2079

Complementary

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



39.0968, 46.2292, 49.5103



38.4876, 35.5265, 38.5491

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.



48.5981, 46.2292, 44.1231



39.0968, 46.2292, 49.5103



48.2888, 46.2292, 58.6838

Square

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



39.0968, 46.2292, 49.5103



43.6503, 46.2292, 66.1673



49.1664, 46.2292, 51.1703



44.2299, 46.2292, 37.2553

Rectangle

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



39.0968, 46.2292, 49.5103



40.5726, 46.2292, 61.5907



49.1664, 46.2292, 51.1703



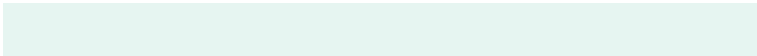
47.4876, 46.2292, 40.5429

Sweetspot

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



39.0981, 46.2311, 49.5113



81.1283, 88.3723, 95.9490



38.5098, 46.2225, 36.1711



17.3253, 18.9432, 20.5587



90.7827, 95.5105, 104.0109



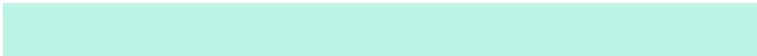
18.6292, 19.5994, 21.3438

Same Dimension

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



39.0981, 46.2311, 49.5113



67.0431, 81.3049, 86.5346



38.2975, 42.9516, 54.4184



9.6984, 10.7655, 11.6614



15.4247, 25.7601, 20.8309



0.6297, 1.0193, 0.9505

Inverse Universe

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



38.4876, 35.5265, 38.5491



65.7585, 58.7558, 63.4500



39.1214, 38.1500, 34.5807



9.6305, 9.5765, 10.4433



14.5313, 7.4437, 2.8253



0.5972, 0.3028, 0.2583

Previews

White Background



This preview shows how the XYZ color 39.0968, 46.2292, 49.5103 looks on a white background.

Color Contrast Check

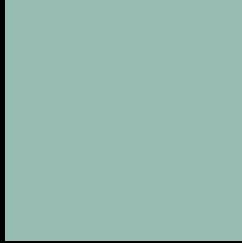
Large Text (above 18pt) WCAG AA × Fail

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 39.0968, 46.2292, 49.5103 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

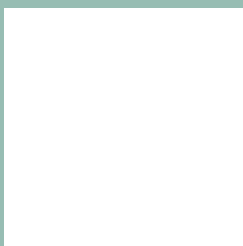
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0968, 46.2292, 49.5103

Background



This preview shows how black text looks on a background with the XYZ color 39.0968, 46.2292, 49.5103.



This preview shows how white text looks on a background with the XYZ color 39.0968, 46.2292,

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

39.0968, 46.2292, 49.5103

Protanopia

43.9688, 46.0128, 46.6084

Deuteranopia

46.7994, 45.9077, 50.6504



Tritanopia

41.6191, 46.3034, 62.0022

Trichromacy



Original Color

39.0968, 46.2292, 49.5103

Protanomaly

42.0035, 45.8858, 47.7173

Deuteranomaly

43.4841, 45.6820, 50.2417

Tritanomaly

40.7224, 46.2609, 57.2350

Monochromacy



Original Color

39.0968, 46.2292, 49.5103

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.7082, 44.5869, 48.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0968, 46.2292, 49.5103 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(151, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 189, 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(151, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 189, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.0968, 46.2292, 49.5103 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(151, 189, 179) }
```


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

```
.border{ border-color:rgb(151, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(151, 189,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0968, 46.2292, 49.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 189, 179) }
```

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

```
.background{ background-color: rgb(151,  
189, 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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