

Converting Colors

XYZ(39.2190, 45.0994, 51.9673)

Have a look what the booklet for
XYZ(39.2190, 45.0994, 51.9673)
contains.

XYZ(39.1376, 44.9309, 51.9572)	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(39.1376, 44.9309,
51.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	99B9B8
RGB	153, 185, 184
RGB Percent	60%, 73%, 72%
CMY	0.4000, 0.2745, 0.2784
CMYK	0.17, 0.00, 0.01, 0.27
HSL	178°, 19%, 66%
HSV	178°, 17%, 73%
XYZ	39.1376, 44.9309, 51.9572
YIQ	175.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

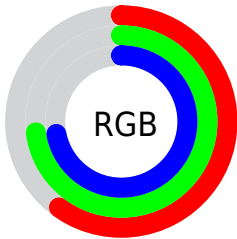
Format	Color
R_{YB}	153, 169, 185
Decimal	10074552
CIE _{Lab}	72.85, -10.98, -3.10
CIE _{LCh}	73, 11.407, 195.792
Yxy	44.9309, 0.2877, 0.3303
Android (android.graphics.Color)	4288264632 (0xFF99B9B8)
YUV	175.3180, 4.2802, -19.5729
Hunter-Lab	67.0305, -13.0813, 0.9640

Details

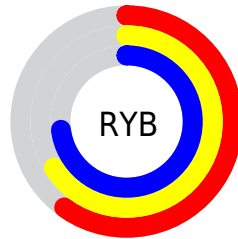
The XYZ color **39.1376, 44.9309, 51.9572** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.2332, 35.4312, 35.4503**, and the grayscale version is **40.8988, 43.0287, 46.8583**.

A 20% lighter version of the original color is **73.1959, 82.6118, 94.5259**, and **17.7148, 20.9079, 24.5747** is the 20% darker color. If you saturate the color by 10%, you get **35.8527, 43.2457, 51.4879**, and if you desaturate by 10%, it is **42.9668, 46.8991, 52.4551**.

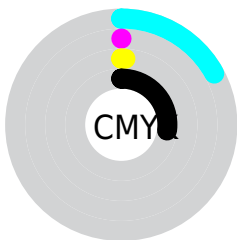
Distribution



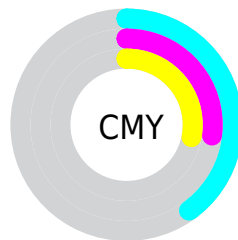
- Red (60%)
- Green (73%)
- Blue (72%)



- Red (60%)
- Yellow (66%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1376, 44.9309, 51.9572 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 39.1376, 44.9309, 51.9572 by changing the saturation by 10% instead.

■ 39.1376, 44.9309,
51.9572

■ 39.1376, 44.9309,
51.9572

333.6722,
366.4936, 411.2236

■ 27.0480, 31.4030,
36.5890

■ 73.1412, 82.6167,
94.4941

■ 17.7460, 20.9059,
24.5961

■ 95.7859, 107.5434,
122.4997

■ 10.8664, 13.0552,
15.5601

122.6797,
137.0385, 155.5550

■ 6.0437, 7.4666,
9.0625

154.1879,
171.4864, 194.0784

■ 2.9126, 3.7556,
4.6846

190.6759,
211.2714, 238.4883

■ 1.1077, 1.5378,
2.0079

232.5091,

■ 0.0315, 0.3151,

256.7781, 289.2035

0.5601

280.0527,
308.3907, 346.6424

■ 0.0000, 0.0000,
0.0000

■ 39.1376, 44.9309,
51.9572

■ 39.1376, 44.9309,
51.9572

■ 35.8527, 43.2457,
51.4879

■ 42.9668, 46.8991,
52.4551

■ 33.0832, 41.8249,
51.0432

■ 47.3596, 49.1566,
52.9798

■ 30.8038, 40.6568,
50.6226

■ 52.3392, 51.7166,
53.5332

■ 28.9851, 39.7261,
50.2249

■ 57.9264, 54.5897,
54.1164

■ 27.5948, 39.0163,
49.8485

■ 64.1408, 57.7863,
54.7302

■ 26.5964, 38.5084,
49.4918

■ 67.6107, 59.5679,
55.2169

■ 25.9473, 38.1807,
49.1527

■ 67.6731, 59.5928,
55.5454

■ 25.5860, 38.0012,
48.8284

■ 67.7357, 59.6179,
55.8752

■ 25.5076, 37.9626,
48.7419

■ 67.7986, 59.6430,
56.2064

Harmonies

Analogous

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



39.1118, 44.9309, 46.2884



39.1376, 44.9309, 51.9572



40.0995, 44.9309, 57.1820

Triad

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



39.1376, 44.9309, 51.9572



45.4998, 44.9309, 56.9451



43.6490, 44.9309, 39.0736

Complementary

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



39.1376, 44.9309, 51.9572



37.2332, 35.4312, 35.4503

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.



45.4220, 44.9309, 41.4986



39.1376, 44.9309, 51.9572



46.5128, 44.9309, 51.6539

Square

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



39.1376, 44.9309, 51.9572



43.7525, 44.9309, 60.2104



46.4838, 44.9309, 46.0076



41.6753, 44.9309, 39.1410

Rectangle

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



39.1376, 44.9309, 51.9572



41.1597, 44.9309, 59.5826



46.4838, 44.9309, 46.0076



44.2895, 44.9309, 39.6157

Sweetspot

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



39.1389, 44.9328, 51.9582



78.6044, 84.8423, 94.1463



36.4392, 43.8763, 36.6863



16.8321, 18.2320, 20.2821



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.1389, 44.9328, 51.9582



67.5990, 79.1893, 92.7062



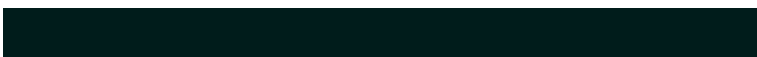
36.2824, 39.0510, 51.5263



9.2542, 10.2057, 11.4960



17.3729, 25.8501, 33.2151



0.6163, 0.9128, 1.1910

Inverse Universe

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



37.2332, 35.4312, 35.4503



63.5065, 58.7833, 57.2546



39.7493, 40.5965, 35.8788



9.0157, 9.0167, 9.4301



13.6501, 7.0338, 0.7781



0.4851, 0.2495, 0.0478

Previews

White Background



This preview shows how the XYZ color 39.1376, 44.9309, 51.9572 looks on a white background.

Color Contrast Check

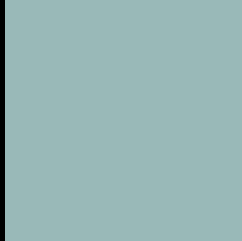
Large Text (above 18pt) WCAG AA × Fail

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 39.1376, 44.9309, 51.9572 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

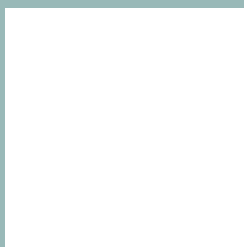
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1376, 44.9309, 51.9572

Background



This preview shows how black text looks on a background with the XYZ color 39.1376, 44.9309, 51.9572.

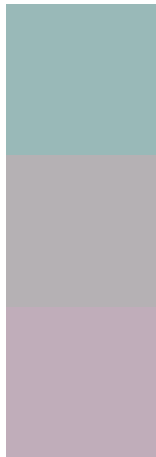


This preview shows how white text looks on a background with the XYZ color 39.1376, 44.9309,

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

39.1376, 44.9309, 51.9572

Protanopia

43.0164, 44.5633, 49.5144

Deuteranopia

45.5447, 44.6388, 52.6701



Tritanopia

40.8368, 45.0121, 59.9620

Trichromacy



Original Color

39.1376, 44.9309, 51.9572

Protanomaly

41.4563, 44.6366, 50.1468

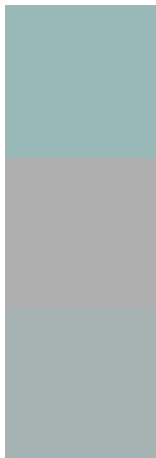
Deuteranomaly

42.8392, 44.4120, 52.2135

Tritanomaly

40.2837, 45.0998, 57.0340

Monochromacy



Original Color

39.1376, 44.9309, 51.9572

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.0923, 43.6700, 48.4355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1376, 44.9309, 51.9572 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(153, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(153, 185, 184)  
}
```

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(153, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.1376, 44.9309, 51.9572 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(153, 185, 184) }
```


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

```
.border{ border-color:rgb(153, 185, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 185, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 185, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 185, 184); box-shadow:4px 4px 4px 4px rgb(153, 185, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1376, 44.9309, 51.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 185, 184) }
```

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

```
.background{ background-color: rgb(153,  
185, 184) }
```

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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