

Converting Colors

XYZ(39.4003, 42.9211, 48.9779)

Have a look what the booklet for
XYZ(39.4003, 42.9211, 48.9779)
contains.

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Color

**XYZ(39.3669, 42.9880,
48.8705)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B2B3
RGB	164, 178, 179
RGB Percent	64%, 70%, 70%
CMY	0.3569, 0.3019, 0.2980
CMYK	0.08, 0.01, 0.00, 0.30
HSL	184°, 9%, 67%
HSV	184°, 8%, 70%
XYZ	39.3669, 42.9880, 48.8705
YIQ	173.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

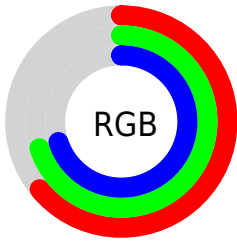
Format	Color
RYB	164, 171, 179
Decimal	10793651
CIELab	71.55, -4.65, -2.19
CIElCh	72, 5.138, 205.186
Yxy	42.9880, 0.3000, 0.3276
Android (android.graphics.Color)	4288983731 (0xFFA4B2B3)
YUV	173.9280, 2.5005, -8.7069
Hunter-Lab	65.5652, -7.5636, 1.7025

Details

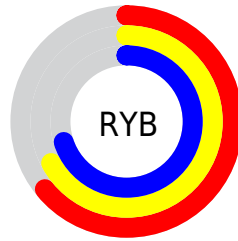
The XYZ color **39.3669, 42.9880, 48.8705** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7465, 39.1739, 40.6417**, and the grayscale version is **40.1869, 42.2798, 46.0427**.

A 20% lighter version of the original color is **73.6316, 79.9039, 90.1394**, and **17.7816, 19.6183, 22.5882** is the 20% darker color. If you saturate the color by 10%, you get **35.6943, 40.7459, 48.6320**, and if you desaturate by 10%, it is **43.5640, 45.5059, 49.1360**.

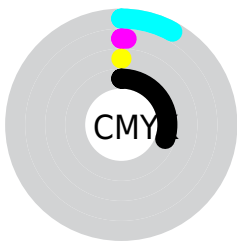
Distribution



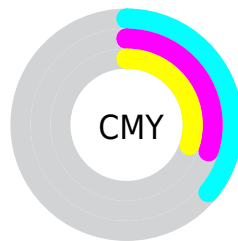
- Red (64%)
- Green (70%)
- Blue (70%)



- Red (64%)
- Yellow (67%)
- Blue (70%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3669, 42.9880, 48.8705 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 39.3669, 42.9880, 48.8705 by changing the saturation by 10% instead.

■ 39.3669, 42.9880,
48.8705

■ 39.3669, 42.9880,
48.8705

334.6282,
358.5624, 398.8401

■ 27.2273, 29.8757,
34.1519

■ 73.4890, 79.6928,
89.8781

■ 17.8815, 19.7443,
22.7320

■ 96.2021, 104.0540,
117.0041

■ 10.9641, 12.2093,
14.1923

123.1705,
132.9337, 149.1031

■ 6.1098, 6.8864,
8.1143

154.7595,
166.7162, 186.5935

■ 2.9533, 3.3911,
4.0793

191.3344,
205.7859, 229.8938

■ 1.1291, 1.3392,
1.6690

233.2606,

■ 0.0492, 0.1712,

250.5273, 279.4227

0.3393

280.9034,
301.3246, 335.5986

■ 0.0000, 0.0000,
0.0000

■ 39.3669, 42.9880,
48.8705

■ 39.3669, 42.9880,
48.8705

■ 35.6943, 40.7459,
48.6320

■ 43.5640, 45.5059,
49.1360

■ 32.5209, 38.7630,
48.4165

■ 48.3021, 48.3046,
49.4264

■ 29.8248, 37.0293,
48.2239

■ 53.6019, 51.3958,
49.7438

■ 27.5811, 35.5317,
48.0531

■ 59.4816, 54.7891,
50.0889

■ 25.7624, 34.2563,
47.9028

■ 65.9587, 58.4935,
50.4625

■ 24.3388, 33.1876,
47.7716

■ 66.7559, 59.2728,
50.5709

■ 23.2760, 32.3078,
47.6578

■ 67.0061, 59.7733,
50.6543

■ 22.5341, 31.5965,
47.5596

■ 67.2584, 60.2780,
50.7384

■ 22.0459, 31.0190,
47.4738

■ 67.5128, 60.7868,
50.8232

Harmonies

Analogous

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



39.2180, 42.9880, 46.4066



39.3669, 42.9880, 48.8705



39.9133, 42.9880, 50.8420

Triad

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



39.3669, 42.9880, 48.8705



42.2445, 42.9880, 49.5891



40.9990, 42.9880, 42.2030

Complementary

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



39.3669, 42.9880, 48.8705



38.7465, 39.1739, 40.6417

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.



41.8192, 42.9880, 42.9907



39.3669, 42.9880, 48.8705



42.5447, 42.9880, 47.2089

Square

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



39.3669, 42.9880, 48.8705



41.5732, 42.9880, 51.2670



42.3879, 42.9880, 44.8017



40.1526, 42.9880, 42.6127

Rectangle

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



39.3669, 42.9880, 48.8705



40.4335, 42.9880, 51.5817



42.3879, 42.9880, 44.8017



41.2871, 42.9880, 42.3357

Sweetspot

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



39.3681, 42.9898, 48.8715



74.3921, 79.3319, 87.7729



38.1994, 42.8409, 41.7345



16.3482, 17.4960, 19.4377



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.3681, 42.9898, 48.8715



69.2615, 76.2382, 87.4462



37.9629, 40.1793, 48.4030



8.6933, 9.5329, 10.8882



15.5466, 21.8936, 33.5435



0.5035, 0.7176, 1.0602

Inverse Universe

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



39.9027, 39.3497, 47.6138



70.4117, 68.4308, 84.7344



40.0921, 41.8650, 41.0902



8.8252, 8.6368, 10.5777



18.0819, 8.7503, 26.6547



0.5762, 0.2782, 0.8769

Previews

White Background



This preview shows how the XYZ color 39.3669, 42.9880, 48.8705 looks on a white background.

Color Contrast Check

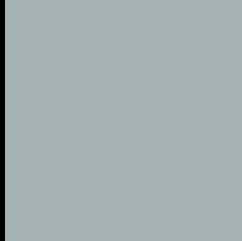
Large Text (above 18pt) WCAG AA × Fail

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 39.3669, 42.9880, 48.8705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

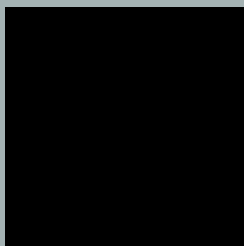
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

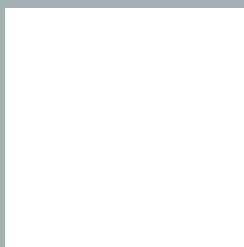
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3669, 42.9880, 48.8705

Background



This preview shows how black text looks on a background with the XYZ color 39.3669, 42.9880, 48.8705.

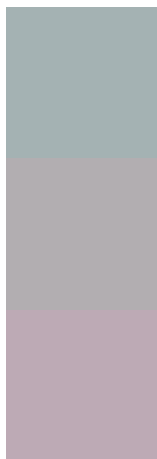


This preview shows how white text looks on a background with the XYZ color 39.3669, 42.9880,

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

39.3669, 42.9880, 48.8705

Protanopia

41.4320, 42.9114, 47.6940

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

40.5455, 42.8754, 54.8540

Trichromacy



Original Color

39.3669, 42.9880, 48.8705

Protanomaly

40.5994, 42.7585, 48.2329

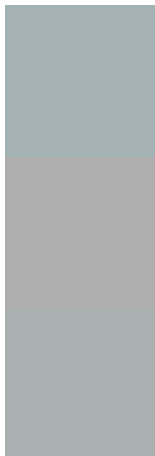
Deuteranomaly

42.0042, 42.8857, 49.2439

Tritanomaly

40.1021, 42.9888, 52.6384

Monochromacy



Original Color

39.3669, 42.9880, 48.8705

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.7440, 42.3406, 47.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3669, 42.9880, 48.8705 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(164, 178, 179) looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 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(164, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.3669, 42.9880, 48.8705 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(164, 178, 179) }
```


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

```
.border{ border-color:rgb(164, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3669, 42.9880, 48.8705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 179) }
```

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

```
.background{ background-color: rgb(164,  
178, 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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