

Converting Colors

XYZ(35.1031, 39.7598, 33.9158)

Have a look what the booklet for
XYZ(35.1031, 39.7598, 33.9158)
contains.

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Color

**XYZ(34.9868, 39.6023,
33.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AD94
RGB	161, 173, 148
RGB Percent	63%, 68%, 58%
CMY	0.3686, 0.3216, 0.4196
CMYK	0.07, 0.00, 0.14, 0.32
HSL	89°, 13%, 63%
HSV	89°, 14%, 68%
XYZ	34.9868, 39.6023, 33.8170
YIQ	166.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

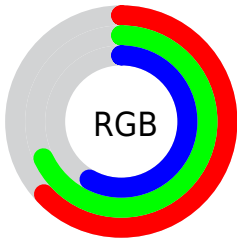
Format	Color
RYB	148, 173, 160
Decimal	10595732
CIELab	69.19, -8.84, 11.43
CIELCh	69, 14.449, 127.724
Yxy	39.6023, 0.3227, 0.3653
Android (android.graphics.Color)	4288785812 (0xFFA1AD94)
YUV	166.5620, -9.1511, -4.8779
Hunter-Lab	62.9304, -10.8892, 12.1905

Details

The XYZ color **34.9868, 39.6023, 33.8170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6315, 31.6716, 43.9306**, and the grayscale version is **36.5613, 38.4653, 41.8887**.

A 20% lighter version of the original color is **66.7230, 74.3500, 66.7114**, and **15.3017, 17.7890, 13.9364** is the 20% darker color. If you saturate the color by 10%, you get **32.1003, 38.2620, 27.0601**, and if you desaturate by 10%, it is **38.1914, 41.0853, 41.6589**.

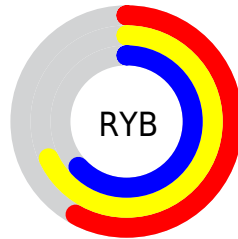
Distribution



Red (63%)

Green (68%)

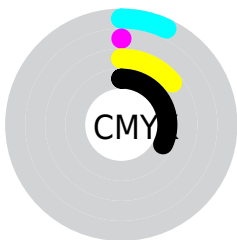
Blue (58%)



Red (58%)

Yellow (68%)

Blue (63%)

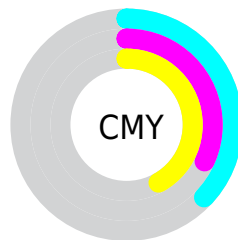


Cyan (7%)

Magenta (0%)

Yellow (14%)

Black (32%)



Cyan (37%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9868, 39.6023, 33.8170 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 34.9868, 39.6023, 33.8170 by changing the saturation by 10% instead.

■ 34.9868, 39.6023,
33.8170

■ 34.9868, 39.6023,
33.8170

316.0191,
344.4445, 334.0595

■ 23.8192, 27.2286,
22.4768

■ 66.7995, 74.5575,
66.7796

■ 15.3235, 17.7450,
14.0060

■ 88.1752, 97.9078,
89.2392

■ 9.1346, 10.7671,
7.9861

113.6844,
125.6858, 116.2422

■ 4.8869, 5.9104,
3.9984

143.6924,
158.2759, 148.2074

■ 2.2151, 2.7907,
1.6245

178.5645,
196.0624, 185.5531

■ 0.7507, 1.0235,
0.3082

218.6660,

■ 0.0000, 0.0000,

239.4297, 228.6980

0.0000

264.3625,
288.7623, 278.0607

■ 34.9868, 39.6023,
33.8170

■ 34.9868, 39.6023,
33.8170

■ 32.1003, 38.2620,
27.0601

■ 38.1914, 41.0853,
41.6589

■ 29.5174, 37.0544,
21.3378

■ 41.7214, 42.7102,
50.6279

■ 27.2273, 35.9764,
16.5996

■ 45.5880, 44.4831,
60.7673

■ 25.2172, 35.0223,
12.7899

■ 49.8006, 46.4079,
72.1171

■ 23.4730, 34.1865,
9.8472

■ 54.3685, 48.4886,
84.7154

■ 21.9793, 33.4624,
7.7030

■ 59.3005, 50.7290,
98.5988

■ 20.7187, 32.8428,
6.2781

■ 62.2499, 52.1905,
101.4006

■ 19.6703, 32.3189,
5.4771

■ 64.8136, 53.5121,
101.5206

■ 19.1558, 32.0598,
5.1785

■ 67.5038, 54.8990,
101.6465

Harmonies

Analogous

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



37.0467, 39.6023, 31.6987



34.9868, 39.6023, 33.8170



33.6766, 39.6023, 38.4737

Triad

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



34.9868, 39.6023, 33.8170



35.9814, 39.6023, 56.0015



42.2181, 39.6023, 41.4322

Complementary

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



34.9868, 39.6023, 33.8170



32.6315, 31.6716, 43.9306

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.



41.9044, 39.6023, 48.1264



34.9868, 39.6023, 33.8170



38.2412, 39.6023, 57.0005

Square

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



34.9868, 39.6023, 33.8170



34.2343, 39.6023, 51.3851



40.4257, 39.6023, 53.9899



41.2661, 39.6023, 35.7927

Rectangle

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



34.9868, 39.6023, 33.8170



33.3729, 39.6023, 42.6168



40.4257, 39.6023, 53.9899



42.2579, 39.6023, 43.6275

Sweetspot

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



34.9879, 39.6040, 33.8179



68.6263, 73.6845, 75.1815



35.0934, 36.0500, 33.1263



14.8178, 15.9689, 16.0984



82.5889, 86.8899, 94.6231



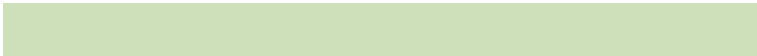
15.4596, 16.2647, 17.7123

Same Dimension

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



34.9879, 39.6040, 33.8179



61.1305, 70.2166, 56.9262



32.6541, 38.4009, 33.7086



8.2868, 9.1364, 8.5401



14.1384, 23.5857, 3.8073



0.4561, 0.6885, 0.1089

Inverse Universe

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



32.6315, 31.6716, 43.9306



56.1782, 53.5451, 78.1801



35.1841, 32.9875, 44.0501



7.9310, 7.9387, 10.0670



8.2309, 3.6030, 29.3062



0.2924, 0.1329, 0.8182

Previews

White Background



This preview shows how the XYZ color 34.9868, 39.6023, 33.8170 looks on a white background.

Color Contrast Check

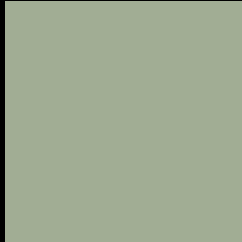
Large Text (above 18pt) WCAG AA × Fail

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 34.9868, 39.6023, 33.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

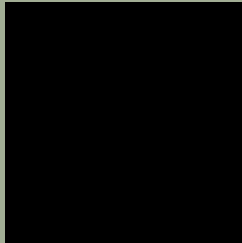
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

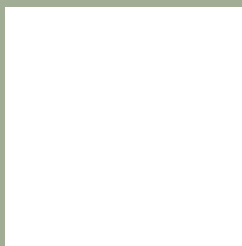
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9868, 39.6023, 33.8170

Background



This preview shows how black text looks on a background with the XYZ color 34.9868, 39.6023, 33.8170.



This preview shows how white text looks on a background with the XYZ color 34.9868, 39.6023,

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

34.9868, 39.6023, 33.8170

Protanopia

37.3224, 39.4277, 32.8373

Deuteranopia

40.3404, 39.6029, 34.3721



Tritanopia

38.1720, 39.4897, 49.8664

Trichromacy



Original Color

34.9868, 39.6023, 33.8170

Protanomaly

36.4358, 39.5140, 33.3103

Deuteranomaly

38.2996, 39.6311, 34.0647

Tritanomaly

36.9403, 39.5442, 43.7161

Monochromacy



Original Color

34.9868, 39.6023, 33.8170

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0502, 38.9133, 38.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9868, 39.6023, 33.8170 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(161, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(161, 173, 148)  
}
```

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(161, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 173, 148) }
```

Border

The CSS property to change the border of an element to XYZ 34.9868, 39.6023, 33.8170 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(161, 173, 148) }
```


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

```
.border{ border-color:rgb(161, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(161, 173,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9868, 39.6023, 33.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 173, 148) }
```

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

```
.background{ background-color: rgb(161,  
173, 148) }
```

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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