

Converting Colors

XYZ(34.4157, 37.7209, 43.4972)

Have a look what the booklet for
XYZ(34.4157, 37.7209, 43.4972)
contains.

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Color

**XYZ(34.3952, 37.6798,
43.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	99A8AA
RGB	153, 168, 170
RGB Percent	60%, 66%, 67%
CMY	0.4000, 0.3412, 0.3333
CMYK	0.10, 0.01, 0.00, 0.33
HSL	187°, 9%, 63%
HSV	187°, 10%, 67%
XYZ	34.3952, 37.6798, 43.4903
YIQ	163.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

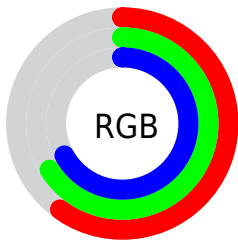
Format	Color
RYB	153, 161, 170
Decimal	10070186
CIELab	67.78, -4.83, -2.84
CIElCh	68, 5.602, 210.404
Yxy	37.6798, 0.2976, 0.3260
Android (android.graphics.Color)	4288260266 (0xFF99A8AA)
YUV	163.7430, 3.0847, -9.4216
Hunter-Lab	61.3839, -7.4030, 0.9619

Details

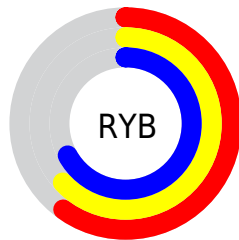
The XYZ color **34.3952, 37.6798, 43.4903** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0489, 34.2886, 34.9615**, and the grayscale version is **35.1544, 36.9852, 40.2768**.

A 20% lighter version of the original color is **65.7104, 71.4770, 81.5673**, and **14.9949, 16.6236, 19.5579** is the 20% darker color. If you saturate the color by 10%, you get **31.0467, 35.4113, 43.2295**, and if you desaturate by 10%, it is **38.2087, 40.1985, 43.7760**.

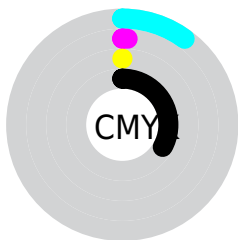
Distribution



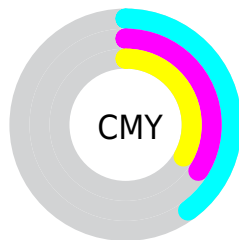
- Red (60%)
- Green (66%)
- Blue (67%)



- Red (60%)
- Yellow (63%)
- Blue (67%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3952, 37.6798, 43.4903 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 34.3952, 37.6798, 43.4903 by changing the saturation by 10% instead.

■ 34.3952, 37.6798,
43.4903

■ 34.3952, 37.6798,
43.4903

313.4457,
336.2444, 376.6045

■ 23.3617, 25.7343,
29.9358

■ 65.8880, 71.6171,
81.7445

■ 14.9830, 16.6249,
19.5382

■ 87.0780, 94.3776,
107.2812

■ 8.8937, 9.9675,
11.8791

112.3842,
121.5120, 137.6491

■ 4.7284, 5.3774,
6.5398

142.1719,
153.4045, 173.2667

■ 2.1219, 2.4703,
3.1020

176.8066,
190.4396, 214.5525

■ 0.7011, 0.8617,
1.1469

216.6535,

■ 0.0000, 0.0000,

233.0017, 261.9250

0.0000

262.0781,
281.4752, 315.8029

■ 34.3952, 37.6798,
43.4903

■ 34.3952, 37.6798,
43.4903

■ 31.0467, 35.4113,
43.2295

■ 38.2087, 40.1985,
43.7760

■ 28.1407, 33.3783,
42.9903

■ 42.5021, 42.9720,
44.0851

■ 25.6577, 31.5716,
42.7724

■ 47.2936, 46.0107,
44.4191

■ 23.5753, 29.9798,
42.5749

■ 52.5994, 49.3232,
44.7788

■ 21.8693, 28.5903,
42.3966

■ 58.4352, 52.9173,
45.1650

■ 20.5126, 27.3891,
42.2363

■ 64.8149, 56.8005,
45.5783

■ 19.4745, 26.3603,
42.0924

■ 65.2211, 57.6129,
45.7137

■ 18.7189, 25.4853,
41.9634

■ 65.6331, 58.4369,
45.8510

■ 18.1662, 24.7230,
41.8453

■ 66.0510, 59.2726,
45.9903

Harmonies

Analogous

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



34.1726, 37.6798, 41.0605



34.3952, 37.6798, 43.4903



34.9967, 37.6798, 45.3189

Triad

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



34.3952, 37.6798, 43.4903



37.2824, 37.6798, 43.4297



35.8018, 37.6798, 36.4365

Complementary

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



34.3952, 37.6798, 43.4903



34.0489, 34.2886, 34.9615

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.



36.6430, 37.6798, 37.0148



34.3952, 37.6798, 43.4903



37.5061, 37.6798, 40.9933

Square

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



34.3952, 37.6798, 43.4903



36.6636, 37.6798, 45.2829



37.2703, 37.6798, 38.6583



34.9766, 37.6798, 37.0463

Rectangle

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



34.3952, 37.6798, 43.4903



35.5364, 37.6798, 45.9156



37.2703, 37.6798, 38.6583



36.0921, 37.6798, 36.4982

Sweetspot

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



34.3963, 37.6814, 43.4911



67.1206, 71.4912, 79.2634



33.4272, 37.8884, 36.5551



14.8433, 15.8607, 17.6668



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.



34.3963, 37.6814, 43.4911



60.9883, 67.4164, 78.8001



32.8804, 34.6496, 42.9858



7.6712, 8.3793, 9.6314



13.3895, 18.2391, 30.7903



0.3462, 0.4846, 0.7559

Inverse Universe

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



35.0375, 34.1565, 41.7937



62.3941, 59.7382, 75.0680



35.5111, 37.2130, 35.4489



7.8034, 7.6512, 9.2818



16.2590, 7.9123, 21.9731



0.4059, 0.1966, 0.5890

Previews

White Background



This preview shows how the XYZ color 34.3952, 37.6798, 43.4903 looks on a white background.

Color Contrast Check

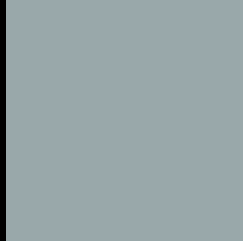
Large Text (above 18pt) WCAG AA × Fail

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 34.3952, 37.6798, 43.4903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

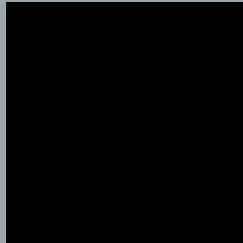
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

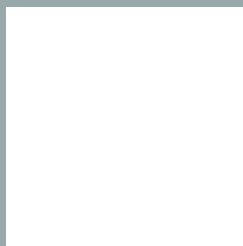
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3952, 37.6798, 43.4903

Background



This preview shows how black text looks on a background with the XYZ color 34.3952, 37.6798, 43.4903.



This preview shows how white text looks on a background with the XYZ color 34.3952, 37.6798,

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

34.3952, 37.6798, 43.4903

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.3773, 37.5851, 44.2617



Tritanopia

35.3920, 37.5363, 48.5599

Trichromacy



Original Color

34.3952, 37.6798, 43.4903

Protanomaly

35.5169, 37.4562, 42.8940

Deuteranomaly

36.8101, 37.5697, 43.8397

Tritanomaly

34.9816, 37.6420, 46.4962

Monochromacy



Original Color

34.3952, 37.6798, 43.4903

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8353, 37.1370, 41.4085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3952, 37.6798, 43.4903 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, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(153, 168, 170)  
}
```

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, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.3952, 37.6798, 43.4903 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, 168, 170) }
```


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

```
.border{ border-color:rgb(153, 168, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 168, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(153, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3952, 37.6798, 43.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 168, 170) }
```

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

```
.background{ background-color: rgb(153,  
168, 170) }
```

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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