

Converting Colors

XYZ(37.5254, 39.6223, 43.8387)

Have a look what the booklet for
XYZ(37.5254, 39.6223, 43.8387)
contains.

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Color

**XYZ(37.3800, 39.4937,
43.6831)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A9AA
RGB	167, 169, 170
RGB Percent	65%, 66%, 67%
CMY	0.3451, 0.3372, 0.3333
CMYK	0.02, 0.01, 0.00, 0.33
HSL	200°, 2%, 66%
HSV	200°, 2%, 67%
XYZ	37.3800, 39.4937, 43.6831
YIQ	168.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

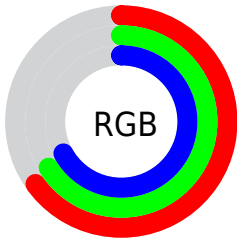
Format	Color
RYB	167, 168, 170
Decimal	10987946
CIELab	69.11, -0.51, -0.77
CIELCh	69, 0.926, 236.299
Yxy	39.4937, 0.3101, 0.3276
Android (android.graphics.Color)	4289178026 (0xFFA7A9AA)
YUV	168.5160, 0.7316, -1.3295
Hunter-Lab	62.8440, -3.8041, 2.7781

Details

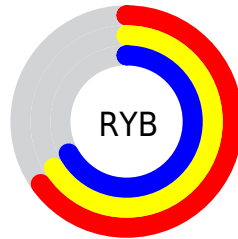
The XYZ color **37.3800, 39.4937, 43.6831** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5553, 39.3408, 42.1739**, and the grayscale version is **37.4711, 39.4226, 42.9312**.

A 20% lighter version of the original color is **70.3705, 74.2771, 81.8622**, and **16.7015, 17.6754, 19.6710** is the 20% darker color. If you saturate the color by 10%, you get **32.9938, 35.7067, 43.1839**, and if you desaturate by 10%, it is **42.2860, 43.6183, 44.2213**.

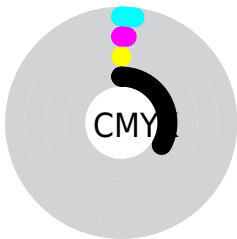
Distribution



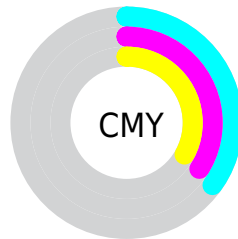
- Red (65%)
- Green (66%)
- Blue (67%)



- Red (65%)
- Yellow (66%)
- Blue (67%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3800, 39.4937, 43.6831 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 37.3800, 39.4937, 43.6831 by changing the saturation by 10% instead.

■ 37.3800, 39.4937,
43.6831

■ 37.3800, 39.4937,
43.6831

326.2798,
343.9850, 377.4170

■ 25.6769, 27.1440,
30.0861

■ 70.4669, 74.3919,
82.0381

■ 16.7135, 17.6814,
19.6513

■ 92.5813, 97.7092,
107.6331

■ 10.1244, 10.7215,
11.9603

118.8970,
125.4512, 138.0645

■ 5.5444, 5.8799,
6.5944

149.7791,
158.0023, 173.7509

■ 2.6081, 2.7722,
3.1352

185.5931,
195.7468, 215.1108

■ 0.9501, 1.0140,
1.1641

226.7043,

■ 0.0000, 0.0000,

239.0691, 262.5628

0.0000

273.4781,
288.3537, 316.5253

■ 37.3800, 39.4937,
43.6831

■ 37.3800, 39.4937,
43.6831

■ 32.9938, 35.7067,
43.1839

■ 42.2860, 43.6183,
44.2213

■ 29.1052, 32.2418,
42.7201

■ 47.7263, 48.0855,
44.7968

■ 25.6954, 29.0894,
42.2913

■ 53.7190, 52.9065,
45.4115

■ 22.7427, 26.2375,
41.8965

■ 60.2802, 58.0905,
46.0663

■ 20.2241, 23.6734,
41.5343

■ 67.4254, 63.6462,
46.7620

■ 18.1143, 21.3831,
41.2034

■ 69.8292, 66.8291,
47.2497

■ 16.3849, 19.3510,
40.9023

■ 71.1871, 69.5450,
47.7023

■ 15.0039, 17.5597,
40.6294

■ 72.5942, 72.3591,
48.1714

■ 13.9334, 15.9887,
40.3826

■ 74.0509, 75.2725,
48.6569

Harmonies

Analogous

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



37.2832, 39.4937, 43.3638



37.3800, 39.4937, 43.6831



37.5192, 39.4937, 43.8198

Triad

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



37.3800, 39.4937, 43.6831



37.8221, 39.4937, 43.0545



37.4117, 39.4937, 42.2759

Complementary

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



37.3800, 39.4937, 43.6831



37.5553, 39.3408, 42.1739

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.



37.5559, 39.4937, 42.1942



37.3800, 39.4937, 43.6831



37.7931, 39.4937, 42.6421

Square

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



37.3800, 39.4937, 43.6831



37.7747, 39.4937, 43.4554



37.6956, 39.4937, 42.3279



37.3015, 39.4937, 42.5516

Rectangle

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



37.3800, 39.4937, 43.6831



37.6175, 39.4937, 43.7884



37.6956, 39.4937, 42.3279



37.4578, 39.4937, 42.2249

Sweetspot

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



37.3811, 39.4954, 43.6840



68.4547, 72.1965, 79.3293



37.3749, 39.7908, 42.7325



15.2763, 16.1091, 17.6919



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.



37.3811, 39.4954, 43.6840



67.5947, 71.4646, 79.2333



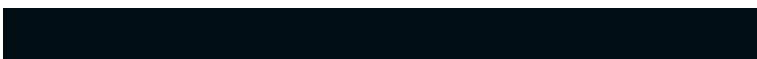
37.1123, 38.9577, 43.5944



8.2652, 8.7346, 9.6687



9.7751, 11.0103, 29.5855



0.2818, 0.3559, 0.7345

Inverse Universe

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



37.5586, 39.0487, 43.0957



67.9658, 70.5320, 78.0029



37.8250, 39.8803, 42.2638



8.3065, 8.6307, 9.5318



14.4346, 7.1826, 12.3661



0.3734, 0.1836, 0.4178

Previews

White Background



This preview shows how the XYZ color 37.3800, 39.4937, 43.6831 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 37.3800, 39.4937, 43.6831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

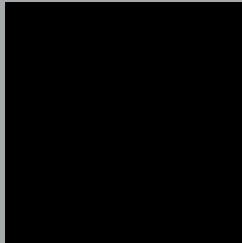
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

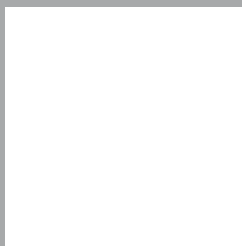
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3800, 39.4937, 43.6831

Background



This preview shows how black text looks on a background with the XYZ color 37.3800, 39.4937, 43.6831.



This preview shows how white text looks on a background with the XYZ color 37.3800, 39.4937,

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

37.3800, 39.4937, 43.6831

Protanopia

37.9587, 39.5278, 43.1651

Deuteranopia

40.2150, 39.3250, 43.9990



Tritanopia

38.5214, 39.4086, 49.2924

Trichromacy



Original Color

37.3800, 39.4937, 43.6831

Protanomaly

37.7416, 39.4159, 43.1549

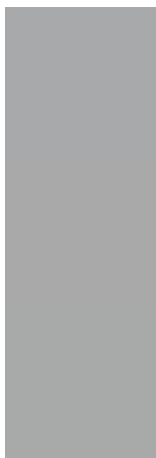
Deuteranomaly

39.1659, 39.3155, 44.0525

Tritanomaly

38.0869, 39.5044, 47.2127

Monochromacy



Original Color

37.3800, 39.4937, 43.6831

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4978, 39.5653, 43.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3800, 39.4937, 43.6831 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(167, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 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(167, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 170) }
```

Border

The CSS property to change the border of an element to XYZ 37.3800, 39.4937, 43.6831 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(167, 169, 170) }
```


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

```
.border{ border-color:rgb(167, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3800, 39.4937, 43.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 170) }
```

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

```
.background{ background-color: rgb(167,  
169, 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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