

Converting Colors

XYZ(39.4965, 38.3308, 43.9035)

Have a look what the booklet for
XYZ(39.4965, 38.3308, 43.9035)
contains.

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Color

**XYZ(39.6240, 38.4973,
43.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A1AB
RGB	183, 161, 171
RGB Percent	72%, 63%, 67%
CMY	0.2823, 0.3686, 0.3294
CMYK	0.00, 0.12, 0.07, 0.28
HSL	333°, 13%, 67%
HSV	333°, 12%, 72%
XYZ	39.6240, 38.4973, 43.8704
YIQ	168.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

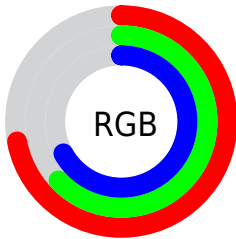
Format	Color
RYB	183, 161, 171
Decimal	12034475
CIELab	68.39, 9.79, -2.23
CIELCh	68, 10.036, 347.186
Yxy	38.4973, 0.3248, 0.3156
Android (android.graphics.Color)	4290224555 (0xFFB7A1AB)
YUV	168.7180, 1.1250, 12.5253
Hunter-Lab	62.0462, 5.4130, 1.5107

Details

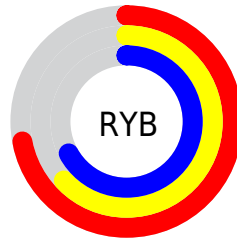
The XYZ color **39.6240, 38.4973, 43.8704** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1757, 44.4622, 46.0546**, and the grayscale version is **37.5649, 39.5212, 43.0386**.

A 20% lighter version of the original color is **73.8799, 72.9534, 82.1390**, and **18.0043, 17.0150, 19.7881** is the 20% darker color. If you saturate the color by 10%, you get **35.7414, 32.1975, 38.0574**, and if you desaturate by 10%, it is **44.0488, 45.7653, 50.2197**.

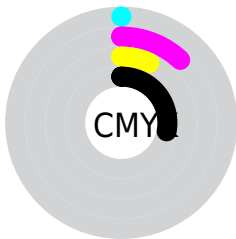
Distribution



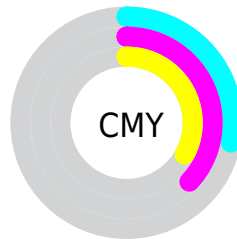
- Red (72%)
- Green (63%)
- Blue (67%)



- Red (72%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (28%)



- Cyan (28%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6240, 38.4973, 43.8704 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 39.6240, 38.4973, 43.8704 by changing the saturation by 10% instead.

■ 39.6240, 38.4973,
43.8704

■ 39.6240, 38.4973,
43.8704

335.6979,
339.7485, 378.2050

■ 27.4284, 26.3689,
30.2322

■ 73.8786, 72.8697,
82.3231

■ 18.0335, 17.0998,
19.7613

■ 96.6683, 95.8825,
107.9746

■ 11.0739, 10.3057,
12.0393

123.7201,
123.2923, 138.4677

■ 6.1842, 5.6021,
6.6476

155.3994,
155.4833, 174.2209

■ 2.9991, 2.6047,
3.1676

192.0714,
192.8400, 215.6527

■ 1.1533, 0.9290,
1.1808

234.1016,

■ 0.0690, 0.0000,

235.7469, 263.1816

0.0000

281.8553,
284.5882, 317.2262

■ 0.0000, 0.0000,
0.0000

■ 39.6240, 38.4973,
43.8704

■ 39.6240, 38.4973,
43.8704

■ 35.7414, 32.1975,
38.0574

■ 44.0488, 45.7653,
50.2197

■ 32.3758, 26.8197,
32.7632

■ 49.0329, 54.0352,
57.1171

■ 29.5050, 22.3216,
27.9727

■ 54.5970, 63.3450,
64.5774

■ 27.1037, 18.6552,
23.6692

■ 60.7595, 73.7296,
72.6137

■ 25.1443, 15.7685,
19.8348

■ 67.5380, 85.2218,
81.2389

■ 23.5963, 13.6028,
16.4502

■ 69.6985, 87.3513,
88.7149

■ 22.4246, 12.0917,
13.4943

■ 71.1485, 87.9313,
96.3509

■ 21.5881, 11.1556,
10.9435

■ 72.6804, 88.5441,
104.4173

■ 21.0965, 10.6945,
9.1700

■ 73.3387, 88.8074,
107.8839

Harmonies

Analogous

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



38.8576, 38.4973, 48.0928



39.6240, 38.4973, 43.8704



39.5610, 38.4973, 39.4059

Triad

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



39.6240, 38.4973, 43.8704



35.7029, 38.4973, 34.1643



34.5705, 38.4973, 48.6074

Complementary

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



39.6240, 38.4973, 43.8704



39.1757, 44.4622, 46.0546

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.



33.7726, 38.4973, 44.5326



39.6240, 38.4973, 43.8704



34.4134, 38.4973, 36.2940

Square

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



39.6240, 38.4973, 43.8704



37.2664, 38.4973, 34.0151



33.7160, 38.4973, 40.0225



35.9229, 38.4973, 50.9567

Rectangle

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



39.6240, 38.4973, 43.8704



39.0569, 38.4973, 36.8899



33.7160, 38.4973, 40.0225



34.2303, 38.4973, 47.3813

Sweetspot

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



39.6251, 38.4990, 43.8712



77.1882, 79.1572, 87.5360



38.4682, 37.7644, 50.0620



16.9125, 17.2594, 19.1407



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.



39.6251, 38.4990, 43.8712



69.3471, 66.3083, 76.1877



38.8362, 38.3891, 39.0832



9.1698, 9.0783, 10.2413



14.7509, 7.4741, 6.5748



0.5513, 0.2760, 0.3965

Inverse Universe

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



39.6251, 38.4990, 43.8712



69.3471, 66.3083, 76.1877



40.0290, 44.5621, 51.2919



9.1698, 9.0783, 10.2413



14.7509, 7.4741, 6.5748



0.5513, 0.2760, 0.3965

Previews

White Background



This preview shows how the XYZ color 39.6240, 38.4973, 43.8704 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 39.6240, 38.4973, 43.8704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

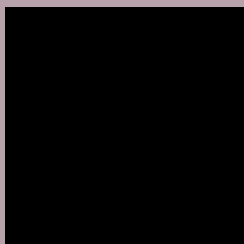
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6240, 38.4973, 43.8704

Background



This preview shows how black text looks on a background with the XYZ color 39.6240, 38.4973, 43.8704.



This preview shows how white text looks on a background with the XYZ color 39.6240, 38.4973,

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

39.6240, 38.4973, 43.8704

Protanopia

37.4246, 38.6533, 45.5327

Deuteranopia

39.3271, 38.6047, 43.9068



Tritanopia

39.8161, 38.5741, 44.8822

Trichromacy



Original Color

39.6240, 38.4973, 43.8704

Protanomaly

38.0519, 38.4523, 44.9516

Deuteranomaly

39.5624, 38.7260, 43.9178

Tritanomaly

39.7197, 38.5356, 44.3744

Monochromacy



Original Color

39.6240, 38.4973, 43.8704

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3475, 39.1734, 43.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6240, 38.4973, 43.8704 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(183, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 161, 171)  
}
```

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(183, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 161, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.6240, 38.4973, 43.8704 is called "border". The border property can be set on classes, ids or directly on the HTML element.

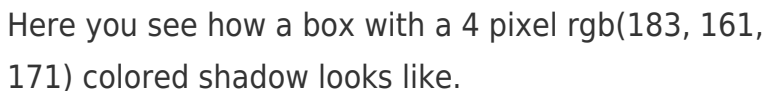
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 161, 171) }
```


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

```
.border{ border-color:rgb(183, 161, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 161, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 161, 171); box-shadow:4px 4px 4px 4px rgb(183, 161, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6240, 38.4973, 43.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 161, 171) }
```

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

```
.background{ background-color: rgb(183,  
161, 171) }
```

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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