

Converting Colors

XYZ(38.8852, 42.8354, 39.2581)

Have a look what the booklet for
XYZ(38.8852, 42.8354, 39.2581)
contains.

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Color

**XYZ(39.0601, 43.0368,
39.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB2A0
RGB	171, 178, 160
RGB Percent	67%, 70%, 63%
CMY	0.3294, 0.3019, 0.3725
CMYK	0.04, 0.00, 0.10, 0.30
HSL	83°, 10%, 66%
HSV	83°, 10%, 70%
XYZ	39.0601, 43.0368, 39.5059
YIQ	173.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

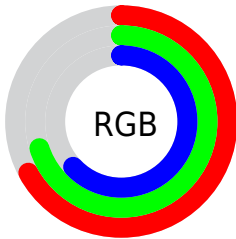
Format	Color
RYB	160, 178, 167
Decimal	11252384
CIELab	71.58, -5.76, 8.35
CIELCh	72, 10.148, 124.607
Yxy	43.0368, 0.3212, 0.3539
Android (android.graphics.Color)	4289442464 (0xFFABB2A0)
YUV	173.8550, -6.8305, -2.5038
Hunter-Lab	65.6024, -8.5243, 10.2172

Details

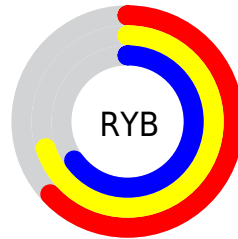
The XYZ color **39.0601, 43.0368, 39.5059** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5448, 36.5726, 47.2549**, and the grayscale version is **40.1920, 42.2852, 46.0485**.

A 20% lighter version of the original color is **73.0526, 79.9207, 75.8659**, and **17.7017, 19.6933, 17.3362** is the 20% darker color. If you saturate the color by 10%, you get **36.1443, 41.7022, 31.8146**, and if you desaturate by 10%, it is **42.2803, 44.5051, 48.3771**.

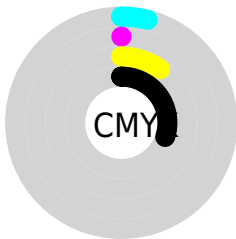
Distribution



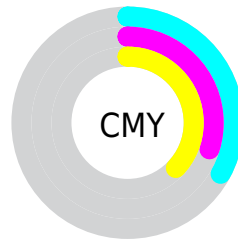
- Red (67%)
- Green (70%)
- Blue (63%)



- Red (63%)
- Yellow (70%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0601, 43.0368, 39.5059 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 39.0601, 43.0368, 39.5059 by changing the saturation by 10% instead.

■ 39.0601, 43.0368,
39.5059

■ 39.0601, 43.0368,
39.5059

333.3487,
358.7631, 359.5266

■ 26.9874, 29.9140,
26.8427

■ 73.0236, 79.7664,
75.6394

■ 17.7003, 19.7733,
17.2237

■ 95.6451, 104.1420,
99.9467

■ 10.8334, 12.2304,
10.2305

122.5137,
133.0372, 128.9724

■ 6.0214, 6.9008,
5.4444

153.9946,
166.8366, 163.1351

■ 2.8989, 3.4001,
2.4471

190.4531,
205.9245, 202.8534

■ 1.1005, 1.3440,
0.8119

232.2548,

■ 0.0256, 0.1749,

250.6853, 248.5457

0.0000

279.7649,
301.5033, 300.6305

■ 0.0000, 0.0000,
0.0000

■ 39.0601, 43.0368,
39.5059

■ 39.0601, 43.0368,
39.5059

■ 36.1443, 41.7022,
31.8146

■ 42.2803, 44.5051,
48.3771

■ 33.5188, 40.4912,
25.2508

■ 45.8114, 46.1057,
58.4722

■ 31.1734, 39.4012,
19.7620

■ 49.6641, 47.8443,
69.8363

■ 29.0959, 38.4270,
15.2907

■ 53.8476, 49.7247,
82.5115

■ 27.2731, 37.5632,
11.7741

■ 58.3704, 51.7506,
96.5378

■ 25.6904, 36.8039,
9.1420

■ 61.2816, 53.1415,
101.6352

■ 24.3313, 36.1424,
7.3151

■ 63.3279, 54.1965,
101.7310

■ 23.1767, 35.5706,
6.1994

■ 65.4610, 55.2961,
101.8308

■ 22.1978, 35.0782,
5.6008

■ 67.6818, 56.4410,
101.9347

Harmonies

Analogous

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



40.6408, 43.0368, 38.0594



39.0601, 43.0368, 39.5059



37.9968, 43.0368, 42.9240

Triad

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



39.0601, 43.0368, 39.5059



39.5068, 43.0368, 55.9233



44.2823, 43.0368, 46.1050

Complementary

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



39.0601, 43.0368, 39.5059



36.5448, 36.5726, 47.2549

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.



43.9583, 43.0368, 51.0291



39.0601, 43.0368, 39.5059



41.1707, 43.0368, 56.9218

Square

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



39.0601, 43.0368, 39.5059



38.2496, 43.0368, 52.4329



42.8075, 43.0368, 55.0739



43.6809, 43.0368, 41.6963

Rectangle

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



39.0601, 43.0368, 39.5059



37.7081, 43.0368, 45.9774



42.8075, 43.0368, 55.0739



44.2781, 43.0368, 47.7534

Sweetspot

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



39.0613, 43.0387, 39.5068



74.8956, 79.8967, 82.7717



38.5073, 39.6053, 38.8733



16.4877, 17.6531, 18.0457



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.



39.0613, 43.0387, 39.5068



69.6792, 77.5170, 68.5449



37.1875, 42.0727, 39.4191



8.8706, 9.7383, 9.0647



15.9540, 25.1346, 4.0106



0.5650, 0.8233, 0.1291

Inverse Universe

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



36.5448, 36.5726, 47.2549



64.2492, 63.5645, 85.2640



38.4902, 37.5755, 47.3460



8.3442, 8.3860, 10.6852



7.5845, 3.2457, 30.3637



0.3051, 0.1364, 0.9585

Previews

White Background



This preview shows how the XYZ color 39.0601, 43.0368, 39.5059 looks on a white background.

Color Contrast Check

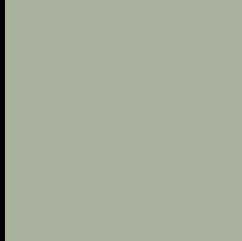
Large Text (above 18pt) WCAG AA × Fail

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 39.0601, 43.0368, 39.5059 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

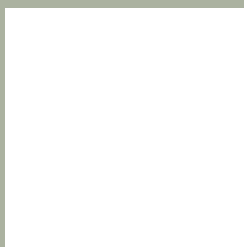
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0601, 43.0368, 39.5059

Background



This preview shows how black text looks on a background with the XYZ color 39.0601, 43.0368, 39.5059.



This preview shows how white text looks on a background with the XYZ color 39.0601, 43.0368,

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

39.0601, 43.0368, 39.5059

Protanopia

40.7929, 43.0736, 38.5118

Deuteranopia

43.7355, 42.8549, 40.1491



Tritanopia

41.8923, 43.0169, 53.6721

Trichromacy



Original Color

39.0601, 43.0368, 39.5059

Protanomaly

40.1434, 43.0188, 38.9886

Deuteranomaly

41.9246, 42.7696, 39.7639

Tritanomaly

40.8214, 42.8730, 48.2433

Monochromacy



Original Color

39.0601, 43.0368, 39.5059

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.7250, 42.4088, 43.6281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0601, 43.0368, 39.5059 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(171, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 178, 160)  
}
```

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(171, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 178, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.0601, 43.0368, 39.5059 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(171, 178, 160) }
```


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

```
.border{ border-color:rgb(171, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 178,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0601, 43.0368, 39.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 178, 160) }
```

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

```
.background{ background-color: rgb(171,  
178, 160) }
```

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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