

Converting Colors

XYZ(39.3533, 40.1875, 40.3337)

Have a look what the booklet for
XYZ(39.3533, 40.1875, 40.3337)
contains.

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Color

**XYZ(39.4359, 40.3529,
40.3607)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A8A3
RGB	180, 168, 163
RGB Percent	71%, 66%, 64%
CMY	0.2941, 0.3412, 0.3608
CMYK	0.00, 0.07, 0.09, 0.29
HSL	18°, 10%, 67%
HSV	18°, 9%, 71%
XYZ	39.4359, 40.3529, 40.3607
YIQ	171.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

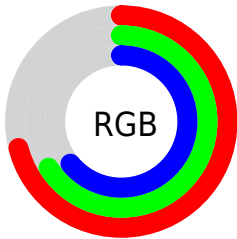
Format	Color
RYB	180, 170, 163
Decimal	11839651
CIELab	69.72, 3.44, 4.12
CIELCh	70, 5.372, 50.159
Yxy	40.3529, 0.3282, 0.3359
Android (android.graphics.Color)	4290029731 (0xFFB4A8A3)
YUV	171.0180, -3.9529, 7.8772
Hunter-Lab	63.5239, -0.3534, 6.7961

Details

The XYZ color **39.4359, 40.3529, 40.3607** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6724, 41.7411, 49.1991**, and the grayscale version is **38.7348, 40.7520, 44.3789**.

A 20% lighter version of the original color is **73.6346, 75.6702, 77.0545**, and **17.8670, 18.1505, 17.6006** is the 20% darker color. If you saturate the color by 10%, you get **35.7052, 35.2911, 31.7185**, and if you desaturate by 10%, it is **43.6276, 45.9683, 50.2901**.

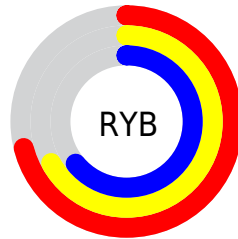
Distribution



Red (71%)

Green (66%)

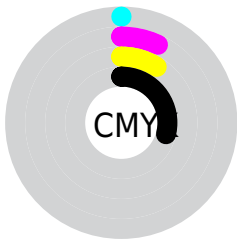
Blue (64%)



Red (71%)

Yellow (67%)

Blue (64%)

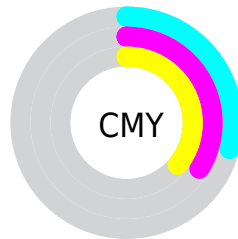


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4359, 40.3529, 40.3607 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 39.4359, 40.3529, 40.3607 by changing the saturation by 10% instead.


 39.4359, 40.3529,
40.3607


 39.4359, 40.3529,
40.3607


334.9155,
347.6088, 363.2387

 27.2812, 27.8138,
27.5040


 73.5936, 75.7006,
76.9555

 17.9222, 18.1853,
17.7163

 96.3273, 99.2780,
101.5307

 10.9935, 11.0831,
10.5792


123.3181,
127.3036, 130.8492

 6.1297, 6.1228,
5.6740

154.9313,
160.1618, 165.3294

 2.9655, 2.9199,
2.5823

191.5323,
198.2371, 205.3899

 1.1356, 1.0900,
0.8833

233.4864,

 0.0546, 0.0000,

241.9137, 251.4493

0.0000

281.1591,
291.5761, 303.9260

■ 0.0000, 0.0000,
0.0000

■ 39.4359, 40.3529,
40.3607

■ 39.4359, 40.3529,
40.3607

■ 35.7052, 35.2911,
31.7185

■ 43.6276, 45.9683,
50.2901

■ 32.4159, 30.7606,
24.3079

■ 48.2922, 52.1482,
61.5540

■ 29.5519, 26.7454,
18.0731

■ 53.4455, 58.9098,
74.2005

■ 27.0949, 23.2266,
12.9528

■ 59.1014, 66.2680,
88.2745

■ 25.0252, 20.1844,
8.8805

■ 65.2733, 74.2371,
103.8188

■ 23.3211, 17.5971,
5.7819

■ 69.2894, 81.7570,
106.7365

■ 21.9588, 15.4415,
3.5734

■ 72.6326, 88.4434,
107.8509

■ 20.9109, 13.6919,
2.1568

■ 20.1325, 12.3144,
1.3445

Harmonies

Analogous

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



39.9460, 40.3529, 42.3070



39.4359, 40.3529, 40.3607



38.6408, 40.3529, 39.3842

Triad

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



39.4359, 40.3529, 40.3607



36.7296, 40.3529, 43.1238



38.9336, 40.3529, 48.5898

Complementary

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



39.4359, 40.3529, 40.3607



38.6724, 41.7411, 49.1991

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.



38.0690, 40.3529, 48.8287



39.4359, 40.3529, 40.3607



36.8053, 40.3529, 45.6093

Square

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



39.4359, 40.3529, 40.3607



37.0841, 40.3529, 40.9392



37.2925, 40.3529, 47.7195



39.6530, 40.3529, 47.0786

Rectangle

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



39.4359, 40.3529, 40.3607



38.0599, 40.3529, 39.3886



37.2925, 40.3529, 47.7195



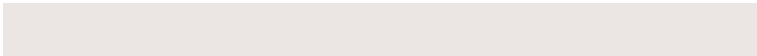
38.6500, 40.3529, 48.8237

Sweetspot

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



39.4370, 40.3547, 40.3616



76.2667, 79.5611, 84.4175



39.6760, 39.0006, 46.0892



16.3512, 17.0183, 17.9304



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.



39.4370, 40.3547, 40.3616



70.2678, 71.4987, 70.2851



41.0213, 43.5232, 40.8897



8.6934, 8.8994, 8.9121



14.0764, 8.6513, 0.9280



0.4948, 0.3760, 0.0465

Inverse Universe

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



38.6724, 41.7411, 49.1991



68.6444, 74.4413, 89.0453



37.1038, 38.6039, 48.6763



8.5272, 9.2007, 10.8328



11.1093, 13.0189, 32.0644



0.3971, 0.5048, 1.0247

Previews

White Background



This preview shows how the XYZ color 39.4359, 40.3529, 40.3607 looks on a white background.

Color Contrast Check

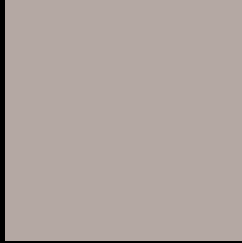
Large Text (above 18pt) WCAG AA × Fail

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 39.4359, 40.3529, 40.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

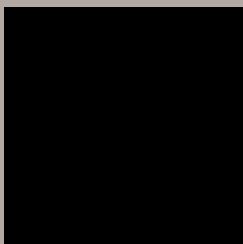
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

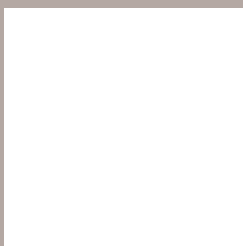
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4359, 40.3529, 40.3607

Background



This preview shows how black text looks on a background with the XYZ color 39.4359, 40.3529, 40.3607.



This preview shows how white text looks on a background with the XYZ color 39.4359, 40.3529,

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

39.4359, 40.3529, 40.3607

Protanopia

38.7548, 40.5437, 40.9051

Deuteranopia

41.1422, 40.4094, 40.7533



Tritanopia

41.0643, 40.4722, 48.2954

Trichromacy



Original Color

39.4359, 40.3529, 40.3607

Protanomaly

39.0203, 40.4034, 40.8640

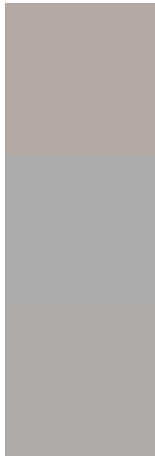
Deuteranomaly

40.5868, 40.3919, 40.7792

Tritanomaly

40.4176, 40.4783, 45.2180

Monochromacy



Original Color

39.4359, 40.3529, 40.3607

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8982, 40.5753, 42.8274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4359, 40.3529, 40.3607 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(180, 168, 163) looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 163)  
}
```

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(180, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.4359, 40.3529, 40.3607 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(180, 168, 163) }
```


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

```
.border{ border-color:rgb(180, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(180, 168,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4359, 40.3529, 40.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 163) }
```

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

```
.background{ background-color: rgb(180,  
168, 163) }
```

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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