

Converting Colors

XYZ(39.9059, 40.1930, 44.0437)

Have a look what the booklet for
XYZ(39.9059, 40.1930, 44.0437)
contains.

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Color

**XYZ(39.9918, 40.2810,
44.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A7AB
RGB	180, 167, 171
RGB Percent	71%, 65%, 67%
CMY	0.2941, 0.3451, 0.3294
CMYK	0.00, 0.07, 0.05, 0.29
HSL	342°, 8%, 68%
HSV	342°, 7%, 71%
XYZ	39.9918, 40.2810, 44.1953
YIQ	171.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

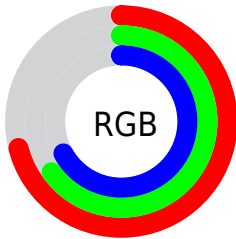
Format	Color
RYB	180, 167, 171
Decimal	11839403
CIELab	69.67, 5.40, -0.38
CIElCh	70, 5.418, 356.017
Yxy	40.2810, 0.3213, 0.3236
Android (android.graphics.Color)	4290029483 (0xFFB4A7AB)
YUV	171.3430, -0.1691, 7.5922
Hunter-Lab	63.4673, 1.4080, 3.1407

Details

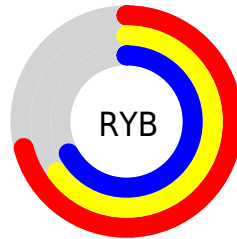
The XYZ color **39.9918, 40.2810, 44.1953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0956, 43.9937, 47.4548**, and the grayscale version is **38.8806, 40.9054, 44.5460**.

A 20% lighter version of the original color is **74.4408, 75.5664, 82.6138**, and **18.2129, 18.1054, 19.9875** is the 20% darker color. If you saturate the color by 10%, you get **35.7886, 33.6868, 37.2064**, and if you desaturate by 10%, it is **44.7683, 47.8415, 51.9291**.

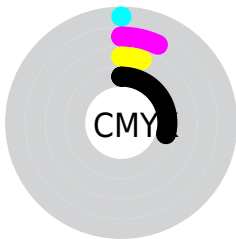
Distribution



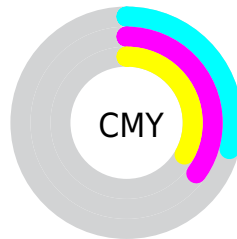
- Red (71%)
- Green (65%)
- Blue (67%)



- Red (71%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9918, 40.2810, 44.1953 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 39.9918, 40.2810, 44.1953 by changing the saturation by 10% instead.

■ 39.9918, 40.2810,
44.1953

■ 39.9918, 40.2810,
44.1953

337.2240,
347.3065, 379.5693

■ 27.7163, 27.7577,
30.4858

■ 74.4354, 75.5912,
82.8171

■ 18.2513, 18.1431,
19.9524

■ 97.3343, 99.1469,
108.5665

■ 11.2313, 11.0528,
12.1767

124.5051,
127.1489, 139.1663

■ 6.2911, 6.1023,
6.7401

156.3130,
159.9815, 175.0349

■ 3.0652, 2.9074,
3.2242

193.1235,
198.0292, 216.5910

■ 1.1883, 1.0836,
1.2102

235.3020,

■ 0.0971, 0.0000,

241.6764, 264.2531

0.0000

283.2137,
291.3073, 318.4397

■ 0.0000, 0.0000,
0.0000

■ 39.9918, 40.2810,
44.1953

■ 39.9918, 40.2810,
44.1953

■ 35.7886, 33.6868,
37.2064

■ 44.7683, 47.8415,
51.9291

■ 32.1334, 28.0147,
30.9373

■ 50.1355, 56.3998,
60.4268

■ 29.0040, 23.2249,
25.3652

■ 56.1141, 65.9923,
69.7098

■ 26.3752, 19.2725,
20.4650

■ 62.7229, 76.6522,
79.7979

■ 24.2198, 16.1089,
16.2102

■ 69.3369, 87.1251,
90.4960

■ 22.5080, 13.6802,
12.5723

■ 71.1847, 87.8643,
100.2263

■ 21.2061, 11.9257,
9.5203

■ 72.6326, 88.4434,
107.8509

■ 20.2756, 10.7750,
7.0204

■ 19.6617, 10.1259,
5.0315

Harmonies

Analogous

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



39.7004, 40.2810, 46.6126



39.9918, 40.2810, 44.1953



39.8204, 40.2810, 41.7760

Triad

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



39.9918, 40.2810, 44.1953



37.5514, 40.2810, 39.6632



37.3516, 40.2810, 47.9842

Complementary

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



39.9918, 40.2810, 44.1953



40.0956, 43.9937, 47.4548

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.



36.7913, 40.2810, 46.0104



39.9918, 40.2810, 44.1953



36.9054, 40.2810, 41.2163

Square

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



39.9918, 40.2810, 44.1953



38.4031, 40.2810, 39.2184



36.6292, 40.2810, 43.5247



38.1689, 40.2810, 48.8523

Rectangle

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



39.9918, 40.2810, 44.1953



39.4682, 40.2810, 40.4772



36.6292, 40.2810, 43.5247



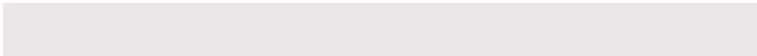
37.1274, 40.2810, 47.4245

Sweetspot

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



39.9929, 40.2828, 44.1962



76.8737, 79.9260, 87.2370



39.9364, 40.1511, 48.8256



16.6355, 17.3071, 18.8880



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.



39.9929, 40.2828, 44.1962



70.9612, 70.5937, 77.5816



40.0582, 41.0138, 42.3665



8.6004, 8.5469, 9.3942



13.6510, 6.9780, 3.3222



0.4563, 0.2303, 0.2456

Inverse Universe

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



39.9929, 40.2828, 44.1962



70.9612, 70.5937, 77.5816



40.0201, 43.2004, 49.4098



8.6004, 8.5469, 9.3942



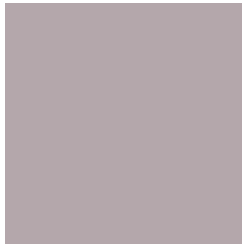
13.6510, 6.9780, 3.3222



0.4563, 0.2303, 0.2456

Previews

White Background



This preview shows how the XYZ color 39.9918, 40.2810, 44.1953 looks on a white background.

Color Contrast Check

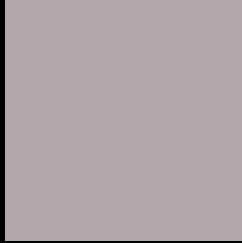
Large Text (above 18pt) WCAG AA × Fail

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 39.9918, 40.2810, 44.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

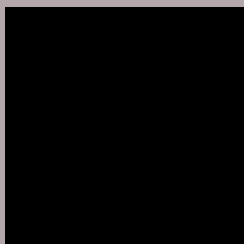
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

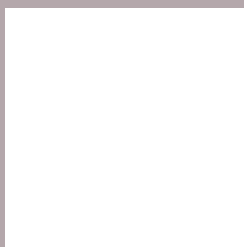
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9918, 40.2810, 44.1953

Background



This preview shows how black text looks on a background with the XYZ color 39.9918, 40.2810, 44.1953.



This preview shows how white text looks on a background with the XYZ color 39.9918, 40.2810,

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

39.9918, 40.2810, 44.1953

Protanopia

38.8679, 40.2387, 44.7480

Deuteranopia

41.0555, 40.2896, 44.1409



Tritanopia

40.8290, 40.3509, 48.2844

Trichromacy



Original Color

39.9918, 40.2810, 44.1953

Protanomaly

39.3535, 40.2139, 44.7176

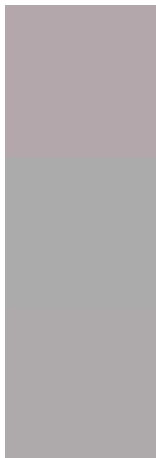
Deuteranomaly

40.7541, 40.4031, 44.1787

Tritanomaly

40.5287, 40.2308, 46.7035

Monochromacy



Original Color

39.9918, 40.2810, 44.1953

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1810, 40.6884, 44.3167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9918, 40.2810, 44.1953 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, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 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(180, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.9918, 40.2810, 44.1953 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, 167, 171) }
```


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

```
.border{ border-color:rgb(180, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9918, 40.2810, 44.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 171) }
```

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

```
.background{ background-color: rgb(180,  
167, 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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