

Converting Colors

XYZ(40.2080, 39.8160, 43.5845)

Have a look what the booklet for
XYZ(40.2080, 39.8160, 43.5845)
contains.

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Color

**XYZ(40.2393, 39.8798,
43.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A5AA
RGB	183, 165, 170
RGB Percent	72%, 65%, 67%
CMY	0.2823, 0.3529, 0.3333
CMYK	0.00, 0.10, 0.07, 0.28
HSL	343°, 11%, 68%
HSV	343°, 10%, 72%
XYZ	40.2393, 39.8798, 43.6069
YIQ	170.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

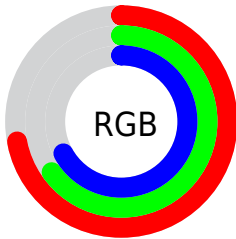
Format	Color
R _Y B	183, 165, 170
Decimal	12035498
CIE Lab	69.38, 7.41, -0.21
CIE LCh	69, 7.409, 358.389
Yxy	39.8798, 0.3252, 0.3223
Android (android.graphics.Color)	4290225578 (0xFFB7A5AA)
YUV	170.9520, -0.4693, 10.5661
Hunter-Lab	63.1505, 3.2264, 3.2642

Details

The XYZ color **40.2393, 39.8798, 43.6069** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4880, 45.0818, 48.6895**, and the grayscale version is **38.6846, 40.6992, 44.3214**.

A 20% lighter version of the original color is **74.7804, 74.9734, 81.7641**, and **18.3811, 17.8641, 19.6189** is the 20% darker color. If you saturate the color by 10%, you get **35.9837, 33.2698, 36.3259**, and if you desaturate by 10%, it is **45.0953, 47.4882, 51.7094**.

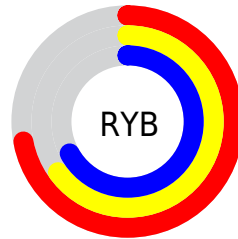
Distribution



Red (72%)

Green (65%)

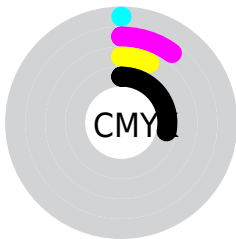
Blue (67%)



Red (72%)

Yellow (65%)

Blue (67%)

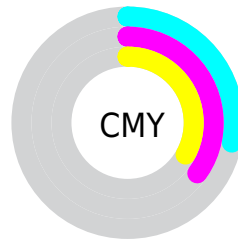


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2393, 39.8798, 43.6069 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 40.2393, 39.8798, 43.6069 by changing the saturation by 10% instead.


 40.2393, 39.8798,
43.6069


 40.2393, 39.8798,
43.6069


338.2483,
345.6167, 377.0960

 27.9102, 27.4448,
30.0267

 74.8098, 74.9804,
81.9221

 18.3981, 17.9076,
19.6066


 97.7819, 98.4149,
107.4941

 11.3376, 10.8837,
11.9282

125.0324,
126.2847, 137.9004

 6.3633, 5.9887,
6.5728

156.9267,
158.9741, 173.5596

 3.1100, 2.8382,
3.1221

193.8301,
196.8677, 214.8902

 1.2122, 1.0478,
1.1573

236.1079,

 0.1160, 0.0000,

240.3497, 262.3108

0.0000

284.1255,
289.8045, 316.2399

0.0000, 0.0000,
0.0000

40.2393, 39.8798,
43.6069

40.2393, 39.8798,
43.6069

35.9837, 33.2698,
36.3259

45.0953, 47.4882,
51.7094

32.3014, 27.6117,
29.8378

50.5705, 56.1287,
60.6557

29.1683, 22.8627,
24.1159

56.6872, 65.8399,
70.4705

26.5571, 18.9751,
19.1309

63.4657, 76.6569,
81.1768

24.4384, 15.8965,
14.8518

70.4431, 87.6492,
92.6358

■ 22.7794, 13.5691,
11.2452

■ 72.4369, 88.4467,
103.1351

■ 21.5434, 11.9270,
8.2747

■ 73.3387, 88.8074,
107.8839

■ 20.6874, 10.8929,
5.8998

■ 20.1302, 10.3133,
4.0650

Harmonies

Analogous

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



39.8878, 39.8798, 46.9503



40.2393, 39.8798, 43.6069



39.9544, 39.8798, 40.3791

Triad

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



40.2393, 39.8798, 43.6069



36.8265, 39.8798, 37.9061



36.7172, 39.8798, 49.2486

Complementary

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



40.2393, 39.8798, 43.6069



40.4880, 45.0818, 48.6895

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.



35.9260, 39.8798, 46.6148



40.2393, 39.8798, 43.6069



35.9882, 39.8798, 40.0757

Square

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



40.2393, 39.8798, 43.6069



37.9689, 39.8798, 37.1927



35.6619, 39.8798, 43.2383



37.8402, 39.8798, 50.3113

Rectangle

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



40.2393, 39.8798, 43.6069



39.4452, 39.8798, 38.7025



35.6619, 39.8798, 43.2383



36.4045, 39.8798, 48.5111

Sweetspot

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



40.2404, 39.8815, 43.6078



77.8489, 80.4706, 87.7813



40.3409, 39.7841, 50.3533



17.0370, 17.5266, 19.1263



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.



40.2404, 39.8815, 43.6078



70.1717, 68.4689, 74.8860



40.4907, 41.1243, 41.4030



9.1043, 9.0521, 9.8969



14.0629, 7.1989, 2.9520



0.5229, 0.2646, 0.2472

Inverse Universe

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



40.2404, 39.8815, 43.6078



70.1717, 68.4689, 74.8860



40.2058, 43.6998, 51.1162



9.1043, 9.0521, 9.8969



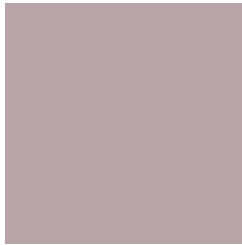
14.0629, 7.1989, 2.9520



0.5229, 0.2646, 0.2472

Previews

White Background



This preview shows how the XYZ color 40.2393, 39.8798, 43.6069 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 40.2393, 39.8798, 43.6069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

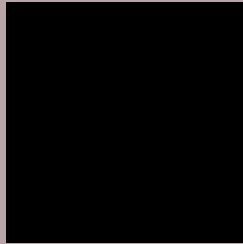
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2393, 39.8798, 43.6069

Background



This preview shows how black text looks on a background with the XYZ color 40.2393, 39.8798, 43.6069.



This preview shows how white text looks on a background with the XYZ color 40.2393, 39.8798,

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

40.2393, 39.8798, 43.6069

Protanopia

38.6476, 40.1251, 44.7377

Deuteranopia

40.5387, 39.7675, 43.5695



Tritanopia

40.9784, 39.9156, 47.1397

Trichromacy



Original Color

40.2393, 39.8798, 43.6069

Protanomaly

39.2578, 40.1756, 44.2136

Deuteranomaly

40.2983, 39.6435, 43.5582

Tritanomaly

40.6826, 39.7973, 45.5818

Monochromacy



Original Color

40.2393, 39.8798, 43.6069

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2178, 40.4302, 44.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2393, 39.8798, 43.6069 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, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(183, 165, 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(183, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 40.2393, 39.8798, 43.6069 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, 165, 170) }
```


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

```
.border{ border-color:rgb(183, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(183, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2393, 39.8798, 43.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 165, 170) }
```

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

```
.background{ background-color: rgb(183,  
165, 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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