

Converting Colors

XYZ(39.9718, 43.2125, 39.4918)

Have a look what the booklet for
XYZ(39.9718, 43.2125, 39.4918)
contains.

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Color

**XYZ(39.9718, 43.2125,
39.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B1A0
RGB	176, 177, 160
RGB Percent	69%, 69%, 63%
CMY	0.3098, 0.3059, 0.3725
CMYK	0.01, 0.00, 0.10, 0.31
HSL	64°, 10%, 66%
HSV	64°, 10%, 69%
XYZ	39.9718, 43.2125, 39.4918
YIQ	174.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

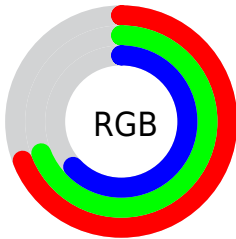
Format	Color
RYB	160, 177, 161
Decimal	11579808
CIELab	71.70, -3.41, 8.57
CIElCh	72, 9.227, 111.666
Yxy	43.2125, 0.3258, 0.3522
Android (android.graphics.Color)	4289769888 (0xFFB0B1A0)
YUV	174.7630, -7.2782, 1.0848
Hunter-Lab	65.7362, -6.4990, 10.3962

Details

The XYZ color **39.9718, 43.2125, 39.4918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2063, 35.8942, 46.6701**, and the grayscale version is **40.6607, 42.7782, 46.5855**.

A 20% lighter version of the original color is **74.6834, 80.3399, 75.8609**, and **18.1363, 19.7304, 17.3205** is the 20% darker color. If you saturate the color by 10%, you get **38.2974, 42.5170, 31.8979**, and if you desaturate by 10%, it is **41.8709, 44.0010, 48.2489**.

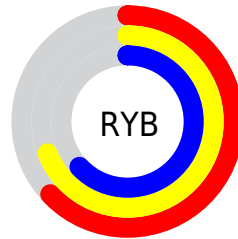
Distribution



Red (69%)

Green (69%)

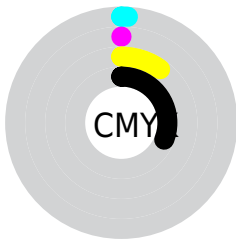
Blue (63%)



Red (63%)

Yellow (69%)

Blue (63%)

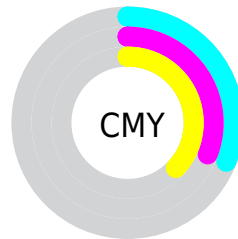


Cyan (1%)

Magenta (0%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9718, 43.2125, 39.4918 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 39.9718, 43.2125, 39.4918 by changing the saturation by 10% instead.

■ 39.9718, 43.2125,
39.4918

■ 39.9718, 43.2125,
39.4918

337.1412,
359.4849, 359.4651

■ 27.7007, 30.0519,
26.8318

■ 74.4052, 80.0314,
75.6176

■ 18.2394, 19.8780,
17.2156

■ 97.2981, 104.4585,
99.9205

■ 11.2228, 12.3064,
10.2247

124.4624,
133.4099, 128.9414

■ 6.2853, 6.9527,
5.4407

156.2634,
167.2700, 163.0988

■ 3.0616, 3.4325,
2.4448

193.0664,
206.4231, 202.8114

■ 1.1864, 1.3615,
0.8107

235.2368,

■ 0.0956, 0.1881,

251.2537, 248.4976

0.0000

283.1399,
302.1462, 300.5760

■ 0.0000, 0.0000,
0.0000

■ 39.9718, 43.2125,
39.4918

■ 39.9718, 43.2125,
39.4918

■ 38.2974, 42.5170,
31.8979

■ 41.8709, 44.0010,
48.2489

■ 36.8349, 41.9050,
25.4155

■ 43.9999, 44.8802,
58.2122

■ 35.5755, 41.3744,
19.9934

■ 46.3681, 45.8553,
69.4263

■ 34.5085, 40.9211,
15.5749

■ 48.9836, 46.9295,
81.9322

■ 33.6222, 40.5402,
12.0985

■ 51.8536, 48.1058,
95.7695

■ 32.9035, 40.2266,
9.4956

■ 53.1285, 48.6442,
101.1968

■ 32.3378, 39.9743,
7.6884

■ 53.3767, 48.7721,
101.2085

■ 31.9075, 39.7765,
6.5854

■ 53.6268, 48.9011,
101.2202

■ 31.5779, 39.6191,
6.0029

■ 53.8787, 49.0309,
101.2319

Harmonies

Analogous

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



41.5096, 43.2125, 39.0330



39.9718, 43.2125, 39.4918



38.7580, 43.2125, 41.9085

Triad

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



39.9718, 43.2125, 39.4918



39.2349, 43.2125, 54.1359



44.1203, 43.2125, 48.3105

Complementary

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



39.9718, 43.2125, 39.4918



35.2063, 35.8942, 46.6701

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.



43.4767, 43.2125, 52.5980



39.9718, 43.2125, 39.4918



40.6378, 43.2125, 56.0982

Square

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



39.9718, 43.2125, 39.4918



38.3401, 43.2125, 50.3032



42.1926, 43.2125, 55.5182



43.9310, 43.2125, 43.9422

Rectangle

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



39.9718, 43.2125, 39.4918



38.2830, 43.2125, 44.3935



42.1926, 43.2125, 55.5182



43.9936, 43.2125, 49.8127

Sweetspot

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



39.9730, 43.2144, 39.4927



73.7682, 78.2961, 80.7649



37.1967, 37.3236, 38.5020



15.9274, 16.9434, 17.2285



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9730, 43.2144, 39.4927



70.7688, 77.0515, 66.9948



38.1429, 42.2710, 39.4071



9.1465, 9.8806, 9.0776



22.8871, 28.7088, 4.3351



0.7350, 0.9110, 0.1371

Inverse Universe

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



35.2063, 35.8942, 46.6701



60.1124, 60.6863, 83.0407



36.9454, 36.7907, 46.7514



8.0869, 8.2533, 10.6732



5.8628, 2.3582, 30.2832



0.1998, 0.0821, 0.9536

Previews

White Background



This preview shows how the XYZ color 39.9718, 43.2125, 39.4918 looks on a white background.

Color Contrast Check

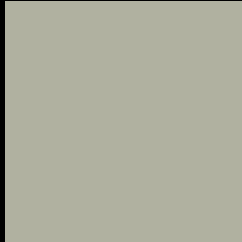
Large Text (above 18pt) WCAG AA × Fail

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 39.9718, 43.2125, 39.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

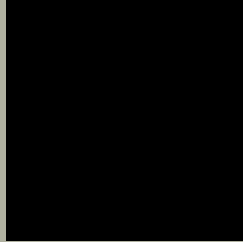
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

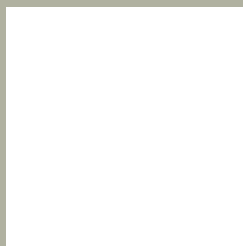
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9718, 43.2125, 39.4918

Background



This preview shows how black text looks on a background with the XYZ color 39.9718, 43.2125, 39.4918.



This preview shows how white text looks on a background with the XYZ color 39.9718, 43.2125,

39.4918.

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

39.9718, 43.2125, 39.4918

Protanopia

41.1164, 43.2304, 38.9781

Deuteranopia

43.9983, 42.9903, 40.1614



Tritanopia

42.7356, 43.1783, 53.0955

Trichromacy



Original Color

39.9718, 43.2125, 39.4918

Protanomaly

40.6057, 43.2572, 39.0102

Deuteranomaly

42.4208, 43.0254, 39.7871

Tritanomaly

41.6623, 43.0301, 47.7048

Monochromacy



Original Color

39.9718, 43.2125, 39.4918

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4602, 43.0669, 44.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9718, 43.2125, 39.4918 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(176, 177, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 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(176, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.9718, 43.2125, 39.4918 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(176, 177, 160) }
```


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

```
.border{ border-color:rgb(176, 177, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 177, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 177,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9718, 43.2125, 39.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 177, 160) }
```

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

```
.background{ background-color: rgb(176,  
177, 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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