

Converting Colors

XYZ(39.8186, 41.2236, 48.0810)

Have a look what the booklet for
XYZ(39.8186, 41.2236, 48.0810)
contains.

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Color

**XYZ(39.8324, 41.2244,
47.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABB2
RGB	173, 171, 178
RGB Percent	68%, 67%, 70%
CMY	0.3216, 0.3294, 0.3020
CMYK	0.03, 0.04, 0.00, 0.30
HSL	257°, 4%, 68%
HSV	257°, 4%, 70%
XYZ	39.8324, 41.2244, 47.9772
YIQ	172.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

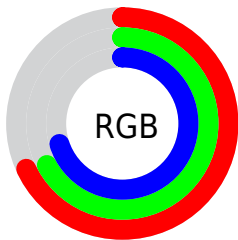
Format	Color
RYB	173, 171, 178
Decimal	11381682
CIELab	70.33, 2.05, -3.34
CIELCh	70, 3.918, 301.482
Yxy	41.2244, 0.3087, 0.3195
Android (android.graphics.Color)	4289571762 (0xFFADABB2)
YUV	172.3960, 2.7628, 0.5297
Hunter-Lab	64.2062, -1.6227, 0.6407

Details

The XYZ color **39.8324, 41.2244, 47.9772** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1771, 44.0122, 44.8551**, and the grayscale version is **39.4011, 41.4531, 45.1424**.

A 20% lighter version of the original color is **74.0425, 76.8272, 88.7686**, and **18.1837, 18.7393, 22.0607** is the 20% darker color. If you saturate the color by 10%, you get **34.0144, 33.5664, 46.8063**, and if you desaturate by 10%, it is **46.3733, 49.9295, 49.3133**.

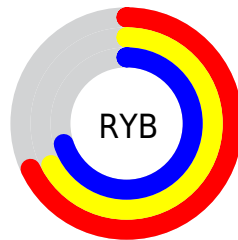
Distribution



Red (68%)

Green (67%)

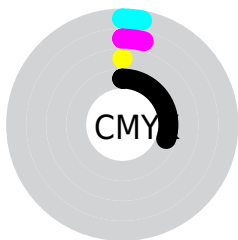
Blue (70%)



Red (68%)

Yellow (67%)

Blue (70%)

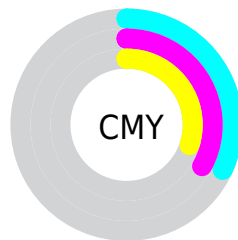


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (32%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8324, 41.2244, 47.9772 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 39.8324, 41.2244, 47.9772 by changing the saturation by 10% instead.

■ 39.8324, 41.2244,
47.9772

■ 39.8324, 41.2244,
47.9772

336.5632,
351.2576, 395.2079

■ 27.5915, 28.4945,
33.4490

■ 74.1942, 77.0244,
88.5357

■ 18.1568, 18.6987,
22.1967

97.0458, 100.8633,
115.4030

■ 11.1630, 11.4528,
13.8018

124.1651,
129.1740, 147.2204

■ 6.2447, 6.3723,
7.8458

155.9173,
162.3408, 184.4064

■ 3.0365, 3.0727,
3.9101

192.6679,
200.7482, 227.3796

■ 1.1731, 1.1698,
1.5761

234.7822,

■ 0.0850, 0.0368,

244.7805, 276.5586

0.2737

282.6255,
294.8222, 332.3618

■ 0.0000, 0.0000,
0.0000

■ 39.8324, 41.2244,
47.9772

■ 39.8324, 41.2244,
47.9772

■ 34.0144, 33.5664,
46.8063

■ 46.3733, 49.9295,
49.3133

■ 28.8904, 26.9105,
45.7917

■ 53.6577, 59.7141,
50.8180

■ 24.4346, 21.2162,
44.9274

■ 61.7098, 70.6156,
52.4978

■ 20.6182, 16.4379,
44.2062

■ 70.5514, 82.6682,
54.3582

■ 17.4104, 12.5266,
43.6204

■ 78.5863, 92.6695,
55.8652

■ 14.7775, 9.4285,
43.1611

■ 82.9753, 94.9320,
56.0706

■ 12.6822, 7.0834,
42.8189

■ 85.0360, 95.9944,
56.1670

■ 11.0826, 5.4229,
42.5827

■ 9.9294, 4.3648,
42.4393

Harmonies

Analogous

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



39.2146, 41.2244, 48.5234



39.8324, 41.2244, 47.9772



40.2800, 41.2244, 46.5998

Triad

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



39.8324, 41.2244, 47.9772



39.7764, 41.2244, 41.8436



37.9584, 41.2244, 44.9781

Complementary

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



39.8324, 41.2244, 47.9772



41.1771, 44.0122, 44.8551

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.



38.1052, 41.2244, 43.2154



39.8324, 41.2244, 47.9772



39.1505, 41.2244, 41.4358

Square

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



39.8324, 41.2244, 47.9772



40.2474, 41.2244, 43.0608



38.5398, 41.2244, 41.9312



38.1366, 41.2244, 46.7628

Rectangle

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



39.8324, 41.2244, 47.9772



40.4192, 41.2244, 45.4134



38.5398, 41.2244, 41.9312



37.9714, 41.2244, 44.3635

Sweetspot

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



39.8336, 41.2262, 47.9781



75.5532, 79.1601, 87.6785



40.3605, 42.9308, 48.2794



16.7526, 17.5562, 19.4280



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.



39.8336, 41.2262, 47.9781



70.9494, 73.0596, 86.7436



40.6141, 41.6285, 48.0146



8.7608, 9.0010, 10.7820



6.7746, 2.8282, 30.3258



0.2720, 0.1193, 0.9569

Inverse Universe

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



40.7609, 41.7272, 46.9821



73.1120, 74.2283, 84.4111



40.3994, 43.6113, 44.8187



9.0560, 9.1606, 10.4630



15.9147, 7.8834, 15.2426



0.5243, 0.2575, 0.6038

Previews

White Background



This preview shows how the XYZ color 39.8324, 41.2244, 47.9772 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 39.8324, 41.2244, 47.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

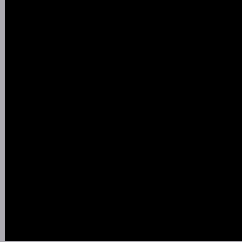
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8324, 41.2244, 47.9772

Background



This preview shows how black text looks on a background with the XYZ color 39.8324, 41.2244, 47.9772.

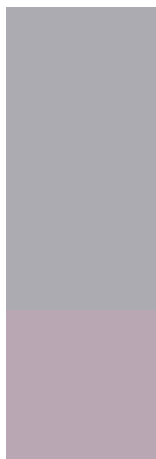


This preview shows how white text looks on a background with the XYZ color 39.8324, 41.2244,

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

39.8324, 41.2244, 47.9772

Protanopia

39.8324, 41.2244, 47.9772

Deuteranopia

41.9630, 41.2064, 48.3898



Tritanopia

40.4820, 41.2088, 51.1679

Trichromacy



Original Color

39.8324, 41.2244, 47.9772

Protanomaly

39.8324, 41.2244, 47.9772

Deuteranomaly

41.1954, 41.0837, 48.4065

Tritanomaly

40.2738, 41.1255, 50.0713

Monochromacy



Original Color

39.8324, 41.2244, 47.9772

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4058, 41.3317, 45.9453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8324, 41.2244, 47.9772 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(173, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 178)  
}
```

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(173, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 178) }
```

Border

The CSS property to change the border of an element to XYZ 39.8324, 41.2244, 47.9772 is called "border". The border property can be set on classes, ids or directly on the HTML element.

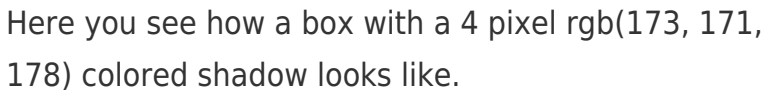
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 171, 178) }
```


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

```
.border{ border-color:rgb(173, 171, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 171, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 171, 178); box-shadow:4px 4px 4px 4px rgb(173, 171, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8324, 41.2244, 47.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 178) }
```

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

```
.background{ background-color: rgb(173,  
171, 178) }
```

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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