

Converting Colors

XYZ(39.5390, 39.3575, 47.9632)

Have a look what the booklet for
XYZ(39.5390, 39.3575, 47.9632)
contains.

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Color

**XYZ(39.7233, 39.5121,
48.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A5B3
RGB	177, 165, 179
RGB Percent	69%, 65%, 70%
CMY	0.3059, 0.3529, 0.2980
CMYK	0.01, 0.08, 0.00, 0.30
HSL	291°, 8%, 67%
HSV	291°, 8%, 70%
XYZ	39.7233, 39.5121, 48.1808
YIQ	170.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

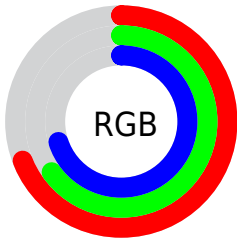
Format	Color
RYB	177, 165, 179
Decimal	11642291
CIELab	69.12, 6.93, -5.65
CIELCh	69, 8.938, 320.826
Yxy	39.5121, 0.3118, 0.3101
Android (android.graphics.Color)	4289832371 (0xFFB1A5B3)
YUV	170.1840, 4.3463, 5.9776
Hunter-Lab	62.8587, 2.7998, -1.4444

Details

The XYZ color **39.7233, 39.5121, 48.1808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8495, 43.1734, 41.8851**, and the grayscale version is **38.2793, 40.2728, 43.8571**.

A 20% lighter version of the original color is **74.1929, 74.5082, 89.0684**, and **17.9832, 17.6017, 22.1883** is the 20% darker color. If you saturate the color by 10%, you get **36.1413, 33.2043, 47.1527**, and if you desaturate by 10%, it is **43.7704, 46.7327, 49.3618**.

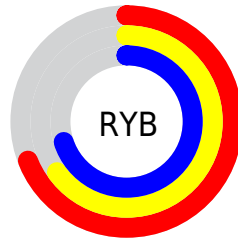
Distribution



Red (69%)

Green (65%)

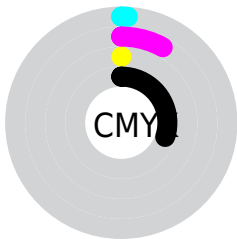
Blue (70%)



Red (69%)

Yellow (65%)

Blue (70%)

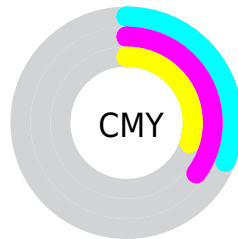


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7233, 39.5121, 48.1808 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 39.7233, 39.5121, 48.1808 by changing the saturation by 10% instead.

■ 39.7233, 39.5121,
48.1808

■ 39.7233, 39.5121,
48.1808

336.1104,
344.0628, 396.0377

■ 27.5061, 27.1583,
33.6091

■ 74.0290, 74.4200,
88.8419

■ 18.0922, 17.6922,
22.3185

■ 96.8482, 97.7429,
115.7683

■ 11.1163, 10.7292,
13.8906

123.9322,
125.4910, 147.6501

■ 6.2130, 5.8851,
7.9067

155.6462,
158.0486, 184.9057

■ 3.0169, 2.7753,
3.9484

192.3557,
195.8003, 227.9538

■ 1.1627, 1.0156,
1.5971

234.4260,

■ 0.0766, 0.0000,

239.1302, 277.2127

0.2887

282.2225,
288.4230, 333.1012

■ 0.0000, 0.0000,
0.0000

■ 39.7233, 39.5121,
48.1808

■ 39.7233, 39.5121,
48.1808

■ 36.1413, 33.2043,
47.1527

■ 43.7704, 46.7327,
49.3618

■ 33.0022, 27.7668,
46.2686

■ 48.2969, 54.8962,
50.6990

■ 30.2871, 23.1614,
45.5227

■ 53.3204, 64.0376,
52.1986

■ 27.9746, 19.3450,
44.9080

■ 58.8570, 74.1886,
53.8662

■ 26.0410, 16.2707,
44.4165

■ 64.9217, 85.3793,
55.7066

■ 24.4603, 13.8863,
44.0396

■ 65.7231, 86.0266,
55.7893

■ 23.2030, 12.1333,
43.7675

■ 66.3779, 86.3642,
55.8199

■ 22.2350, 10.9429,
43.5887

■ 67.0441, 86.7076,
55.8511

■ 21.5022, 10.2077,
43.4854

■ 67.7217, 87.0569,
55.8828

Harmonies

Analogous

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



38.5394, 39.5121, 50.7952



39.7233, 39.5121, 48.1808



40.3304, 39.5121, 44.2874

Triad

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



39.7233, 39.5121, 48.1808



37.9944, 39.5121, 35.7191



35.0477, 39.5121, 45.8777

Complementary

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



39.7233, 39.5121, 48.1808



38.8495, 43.1734, 41.8851

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.



34.9101, 39.5121, 41.7809



39.7233, 39.5121, 48.1808



36.5876, 39.5121, 36.0852

Square

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



39.7233, 39.5121, 48.1808



39.3156, 39.5121, 37.2113



35.4672, 39.5121, 38.2452



35.8478, 39.5121, 49.4081

Rectangle

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



39.7233, 39.5121, 48.1808



40.3159, 39.5121, 41.5623



35.4672, 39.5121, 38.2452



34.9232, 39.5121, 44.5154

Sweetspot

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



39.7244, 39.5138, 48.1817



75.2337, 78.0446, 87.4800



37.4925, 38.9300, 48.1866



16.6854, 17.3219, 19.3863



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.



39.7244, 39.5138, 48.1817



70.2421, 69.1687, 86.0299



39.6965, 39.5557, 45.6395



8.7283, 8.5840, 10.7032



15.1313, 7.1363, 30.7169



0.5086, 0.2413, 0.9680

Inverse Universe

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



39.0220, 39.2859, 42.0875



68.7871, 68.6977, 73.3531



38.8848, 43.1391, 44.2595



8.5442, 8.5244, 9.0982



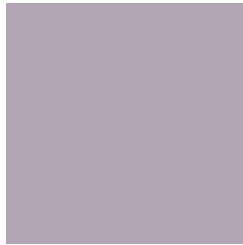
13.2804, 6.8297, 1.3704



0.4333, 0.2211, 0.1245

Previews

White Background



This preview shows how the XYZ color 39.7233, 39.5121, 48.1808 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 39.7233, 39.5121, 48.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

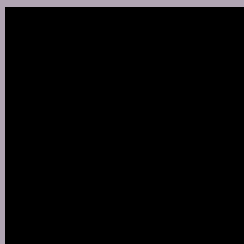
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7233, 39.5121, 48.1808

Background



This preview shows how black text looks on a background with the XYZ color 39.7233, 39.5121, 48.1808.



This preview shows how white text looks on a background with the XYZ color 39.7233, 39.5121,

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

39.7233, 39.5121, 48.1808

Protanopia

38.4916, 39.6663, 49.3437

Deuteranopia

40.2345, 39.5089, 48.1532



Tritanopia

39.6225, 39.4717, 47.6500

Trichromacy



Original Color

39.7233, 39.5121, 48.1808

Protanomaly

38.8515, 39.5906, 48.7741

Deuteranomaly

40.0025, 39.3893, 48.1424

Tritanomaly

39.6225, 39.4717, 47.6500

Monochromacy



Original Color

39.7233, 39.5121, 48.1808

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.7790, 39.9066, 45.1940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7233, 39.5121, 48.1808 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(177, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(177, 165, 179)  
}
```

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(177, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 165, 179) }
```

Border

The CSS property to change the border of an element to XYZ 39.7233, 39.5121, 48.1808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

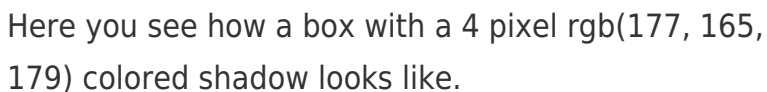
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 165, 179) }
```


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

```
.border{ border-color:rgb(177, 165, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(177, 165,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7233, 39.5121, 48.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 165, 179) }
```

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

```
.background{ background-color: rgb(177,  
165, 179) }
```

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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