

Converting Colors

XYZ(39.1900, 40.1301, 48.8723)

Have a look what the booklet for
XYZ(39.1900, 40.1301, 48.8723)
contains.

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Color

**XYZ(39.0354, 39.9585,
48.8354)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA8B4
RGB	171, 168, 180
RGB Percent	67%, 66%, 71%
CMY	0.3294, 0.3412, 0.2941
CMYK	0.05, 0.07, 0.00, 0.29
HSL	255°, 7%, 68%
HSV	255°, 7%, 71%
XYZ	39.0354, 39.9585, 48.8354
YIQ	170.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

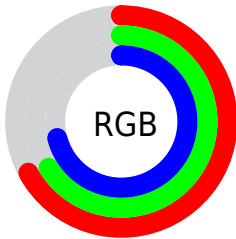
Format	Color
RYB	171, 168, 180
Decimal	11249844
CIELab	69.44, 3.38, -5.78
CIElCh	69, 6.699, 300.323
Yxy	39.9585, 0.3054, 0.3126
Android (android.graphics.Color)	4289439924 (0xFFABA8B4)
YUV	170.2650, 4.7994, 0.6446
Hunter-Lab	63.2127, -0.3942, -1.5560

Details

The XYZ color **39.0354, 39.9585, 48.8354** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5222, 44.8179, 43.5101**, and the grayscale version is **38.3192, 40.3147, 43.9028**.

A 20% lighter version of the original color is **72.8920, 75.0002, 89.9916**, and **17.6839, 17.9450, 22.6104** is the 20% darker color. If you saturate the color by 10%, you get **33.1472, 32.3276, 47.6734**, and if you desaturate by 10%, it is **45.6865, 48.6678, 50.1665**.

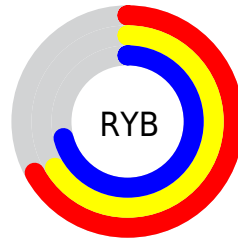
Distribution



Red (67%)

Green (66%)

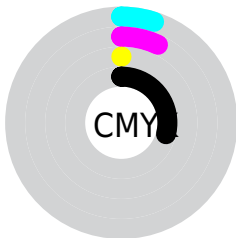
Blue (71%)



Red (67%)

Yellow (66%)

Blue (71%)

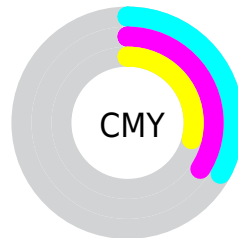


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0354, 39.9585, 48.8354 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 39.0354, 39.9585, 48.8354 by changing the saturation by 10% instead.

■ 39.0354, 39.9585,
48.8354

■ 39.0354, 39.9585,
48.8354

333.2455,
345.9486, 398.6978

■ 26.9681, 27.5062,
34.1242

■ 72.9861, 75.1003,
89.8254

■ 17.6857, 17.9537,
22.7109

■ 95.6003, 98.5586,
116.9413

■ 10.8229, 10.9168,
14.1769

122.4607,
126.4544, 149.0292

■ 6.0143, 6.0109,
8.1037

153.9329,
159.1719, 186.5077

■ 2.8945, 2.8517,
4.0726

190.3821,
197.0958, 229.7952

■ 1.0982, 1.0548,
1.6653

232.1737,

■ 0.0236, 0.0000,

240.6102, 279.3104

0.3368

279.6731,
290.0997, 335.4718

■ 0.0000, 0.0000,
0.0000

■ 39.0354, 39.9585,
48.8354

■ 39.0354, 39.9585,
48.8354

■ 33.1472, 32.3276,
47.6734

■ 45.6865, 48.6678,
50.1665

■ 27.9906, 25.7277,
46.6713

■ 53.1232, 58.4901,
51.6705

■ 23.5374, 20.1155,
45.8228

■ 61.3717, 69.4650,
53.3541

■ 19.7558, 15.4427,
45.1201

■ 70.4561, 81.6284,
55.2231

■ 16.6120, 11.6568,
44.5551

■ 79.4329, 93.0825,
56.9608

■ 14.0688, 8.7000,
44.1184

■ 84.1516, 95.5151,
57.1816

■ 12.0848, 6.5075,
43.7998

■ 85.2383, 96.0753,
57.2325

■ 10.6131, 5.0046,
43.5872

■ 9.5928, 4.0903,
43.4645

Harmonies

Analogous

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



37.9911, 39.9585, 49.7176



39.0354, 39.9585, 48.8354



39.8087, 39.9585, 46.5135

Triad

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



39.0354, 39.9585, 48.8354



39.0148, 39.9585, 38.5520



35.9443, 39.9585, 43.5415

Complementary

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



39.0354, 39.9585, 48.8354



41.5222, 44.8179, 43.5101

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.



36.2069, 39.9585, 40.6349



39.0354, 39.9585, 48.8354



37.9677, 39.9585, 37.8382

Square

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



39.0354, 39.9585, 48.8354



39.7966, 39.9585, 40.5795



36.9425, 39.9585, 38.5829



36.2183, 39.9585, 46.5742

Rectangle

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



39.0354, 39.9585, 48.8354



40.0593, 39.9585, 44.5134



36.9425, 39.9585, 38.5829



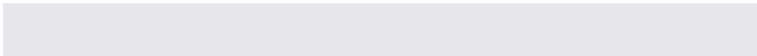
35.9727, 39.9585, 42.5179

Sweetspot

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



39.0366, 39.9602, 48.8363



76.1897, 79.5197, 89.6278



40.1497, 43.1447, 49.3923



16.4955, 17.2240, 19.3774



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.



39.0366, 39.9602, 48.8363



69.1234, 70.2977, 88.2202



40.3281, 40.6260, 48.8967



8.2343, 8.3293, 10.6801



6.5572, 2.7162, 30.3157



0.2606, 0.1135, 0.9564

Inverse Universe

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



40.7623, 40.8848, 47.3404



72.9124, 72.3281, 84.9158



40.2287, 44.1511, 43.4496



8.7575, 8.6097, 10.2215



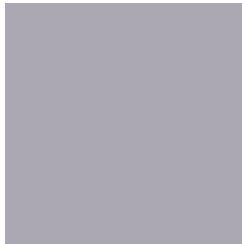
16.2188, 8.0051, 16.8438



0.5320, 0.2605, 0.6442

Previews

White Background



This preview shows how the XYZ color 39.0354, 39.9585, 48.8354 looks on a white background.

Color Contrast Check

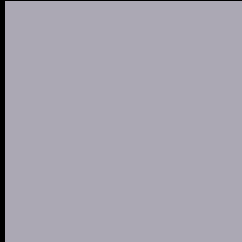
Large Text (above 18pt) WCAG AA × Fail

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 39.0354, 39.9585, 48.8354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

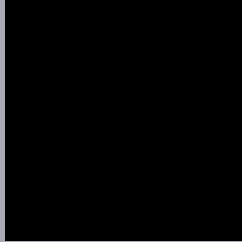
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0354, 39.9585, 48.8354

Background



This preview shows how black text looks on a background with the XYZ color 39.0354, 39.9585, 48.8354.

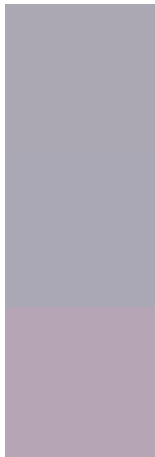


This preview shows how white text looks on a background with the XYZ color 39.0354, 39.9585,

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

39.0354, 39.9585, 48.8354

Protanopia

38.6030, 39.7356, 48.8151

Deuteranopia

40.8517, 40.0702, 49.2973



Tritanopia

39.1377, 39.9994, 49.3739

Trichromacy



Original Color

39.0354, 39.9585, 48.8354

Protanomaly

38.8184, 39.8466, 48.8252

Deuteranomaly

40.1082, 39.9557, 49.3144

Tritanomaly

39.1377, 39.9994, 49.3739

Monochromacy



Original Color

39.0354, 39.9585, 48.8354

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4055, 39.9780, 45.7367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0354, 39.9585, 48.8354 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(171, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 180)  
}
```

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(171, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.0354, 39.9585, 48.8354 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(171, 168, 180) }
```


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

```
.border{ border-color:rgb(171, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0354, 39.9585, 48.8354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 180) }
```

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

```
.background{ background-color: rgb(171,  
168, 180) }
```

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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