

Converting Colors

XYZ(39.4153, 39.6866, 39.3262)

Have a look what the booklet for
XYZ(39.4153, 39.6866, 39.3262)
contains.

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Color

**XYZ(39.5977, 39.9129,
39.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A6A1
RGB	183, 166, 161
RGB Percent	72%, 65%, 63%
CMY	0.2823, 0.3490, 0.3686
CMYK	0.00, 0.09, 0.12, 0.28
HSL	14°, 13%, 67%
HSV	14°, 12%, 72%
XYZ	39.5977, 39.9129, 39.3352
YIQ	170.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

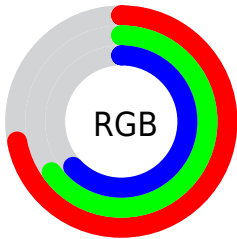
Format	Color
RYB	183, 167, 161
Decimal	12035745
CIELab	69.41, 5.30, 4.81
CIElCh	69, 7.158, 42.249
Yxy	39.9129, 0.3332, 0.3358
Android (android.graphics.Color)	4290225825 (0xFFB7A6A1)
YUV	170.5130, -4.6899, 10.9511
Hunter-Lab	63.1767, 1.3206, 7.3084

Details

The XYZ color **39.5977, 39.9129, 39.3352** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1655, 42.8361, 51.0042**, and the grayscale version is **38.4841, 40.4883, 44.0917**.

A 20% lighter version of the original color is **73.8477, 75.0215, 75.5541**, and **18.0377, 17.9062, 17.2574** is the 20% darker color. If you saturate the color by 10%, you get **35.6705, 34.4545, 30.6384**, and if you desaturate by 10%, it is **44.0460, 46.0345, 49.3719**.

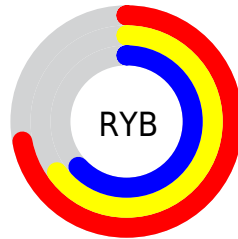
Distribution



Red (72%)

Green (65%)

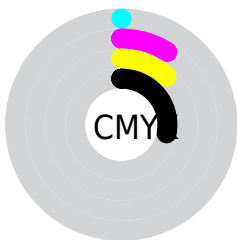
Blue (63%)



Red (72%)

Yellow (65%)

Blue (63%)

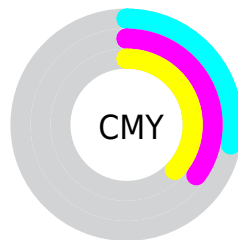


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (28%)



Cyan (28%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5977, 39.9129, 39.3352 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 39.5977, 39.9129, 39.3352 by changing the saturation by 10% instead.


 39.5977, 39.9129,
39.3352


 39.5977, 39.9129,
39.3352


335.5886,
345.7563, 358.7819

 27.4078, 27.4706,
26.7108


 73.8388, 75.0309,
75.3761

 18.0179, 17.9270,
17.1256


 96.6207, 98.4754,
99.6296

 11.0626, 10.8976,
10.1612

123.6639,
126.3560, 128.5966

 6.1766, 5.9980,
5.3990

155.3340,
159.0573, 162.6955

 2.9944, 2.8439,
2.4204

191.9961,
196.9636, 202.3450

 1.1508, 1.0508,
0.7975

234.0157,

 0.0670, 0.0000,

240.4593, 247.9635

0.0000

281.7580,
289.9287, 299.9697

■ 0.0000, 0.0000,
0.0000

■ 39.5977, 39.9129,
39.3352

■ 39.5977, 39.9129,
39.3352

■ 35.6705, 34.4545,
30.6384

■ 44.0460, 46.0345,
49.3719

■ 32.2416, 29.6317,
23.2222

■ 49.0302, 52.8351,
60.7994

■ 29.2917, 25.4227,
17.0265

■ 54.5689, 60.3368,
73.6691

■ 26.7987, 21.8024,
11.9852

■ 60.6786, 68.5589,
88.0290

■ 24.7389, 18.7441,
8.0262

■ 67.3753, 77.5202,
103.9248

■ 23.0860, 16.2189,
5.0690

■ 72.0242, 86.1785,
107.4458

■ 21.8111, 14.1952,
3.0219

■ 73.3387, 88.8074,
107.8839

■ 20.8805, 12.6376,
1.7759

■ 20.3431, 11.6963,
1.1854

Harmonies

Analogous

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



40.1398, 39.9129, 42.1277



39.5977, 39.9129, 39.3352



38.6147, 39.9129, 37.6979

Triad

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



39.5977, 39.9129, 39.3352



35.8673, 39.9129, 41.5547



38.4074, 39.9129, 49.9503

Complementary

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



39.5977, 39.9129, 39.3352



39.1655, 42.8361, 51.0042

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.



37.2653, 39.9129, 49.7777



39.5977, 39.9129, 39.3352



35.8144, 39.9129, 44.8168

Square

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



39.5977, 39.9129, 39.3352



36.4676, 39.9129, 38.9340



36.3215, 39.9129, 47.8600



39.4433, 39.9129, 48.3203

Rectangle

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



39.5977, 39.9129, 39.3352



37.8493, 39.9129, 37.4285



36.3215, 39.9129, 47.8600



38.0229, 39.9129, 50.1034

Sweetspot

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



39.5988, 39.9147, 39.3360



77.1792, 80.1073, 84.5489



40.3332, 38.7814, 47.6027



16.9100, 17.5058, 18.3648



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.



39.5988, 39.9147, 39.3360



69.2867, 69.2246, 66.8046



41.6381, 43.9932, 40.0158



9.1659, 9.3348, 9.4256



14.2355, 8.2473, 0.8416



0.5495, 0.3861, 0.0456

Inverse Universe

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



39.1655, 42.8361, 51.0042



68.3814, 75.3244, 91.1707



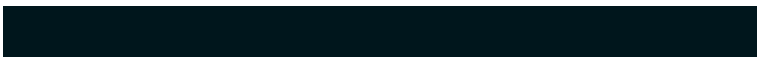
37.1073, 38.7196, 50.3181



9.0888, 9.8549, 11.5026



12.7003, 15.8603, 33.6450



0.4909, 0.6454, 1.2005

Previews

White Background



This preview shows how the XYZ color 39.5977, 39.9129, 39.3352 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 39.5977, 39.9129, 39.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

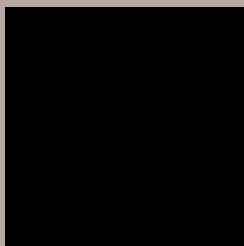
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

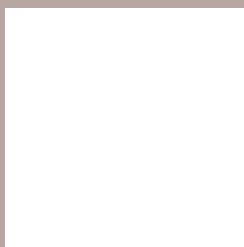
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5977, 39.9129, 39.3352

Background



This preview shows how black text looks on a background with the XYZ color 39.5977, 39.9129, 39.3352.



This preview shows how white text looks on a background with the XYZ color 39.5977, 39.9129,

39.3352.

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

39.5977, 39.9129, 39.3352

Protanopia

38.2544, 40.0189, 40.3585

Deuteranopia

40.6947, 39.9429, 39.2831



Tritanopia

41.1195, 39.9998, 46.6278

Trichromacy



Original Color

39.5977, 39.9129, 39.3352

Protanomaly

38.6557, 39.9610, 39.8583

Deuteranomaly

40.3817, 40.0483, 39.3200

Tritanomaly

40.5730, 40.0409, 44.1183

Monochromacy



Original Color

39.5977, 39.9129, 39.3352

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8422, 40.2799, 42.2868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5977, 39.9129, 39.3352 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, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 161)  
}
```

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, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 161) }
```

Border

The CSS property to change the border of an element to XYZ 39.5977, 39.9129, 39.3352 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, 166, 161) }
```


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

```
.border{ border-color:rgb(183, 166, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5977, 39.9129, 39.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 161) }
```

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

```
.background{ background-color: rgb(183,  
166, 161) }
```

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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