

Converting Colors

XYZ(40.4795, 39.3683, 51.7090)

Have a look what the booklet for
XYZ(40.4795, 39.3683, 51.7090)
contains.

XYZ(40.5505, 39.3233, 51.9073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.5505, 39.3233,
51.9073)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A3BA
RGB	179, 163, 186
RGB Percent	70%, 64%, 73%
CMY	0.2980, 0.3608, 0.2706
CMYK	0.04, 0.12, 0.00, 0.27
HSL	282°, 14%, 68%
HSV	282°, 12%, 73%
XYZ	40.5505, 39.3233, 51.9073
YIQ	170.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

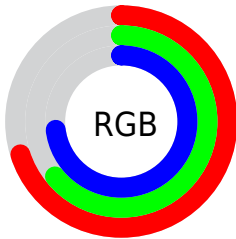
Format	Color
RYB	179, 163, 186
Decimal	11772858
CIELab	68.98, 10.09, -9.71
CIELCh	69, 14.006, 316.097
Yxy	39.3233, 0.3077, 0.2984
Android (android.graphics.Color)	4289962938 (0xFFB3A3BA)
YUV	170.4060, 7.6878, 7.5369
Hunter-Lab	62.7083, 5.6880, -5.1820

Details

The XYZ color **40.5505, 39.3233, 51.9073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7489, 46.3093, 41.4433**, and the grayscale version is **38.3741, 40.3726, 43.9657**.

A 20% lighter version of the original color is **75.3594, 74.2158, 94.3576**, and **18.5223, 17.4980, 24.5915** is the 20% darker color. If you saturate the color by 10%, you get **36.2064, 32.5374, 50.8270**, and if you desaturate by 10%, it is **45.4364, 47.1117, 53.1537**.

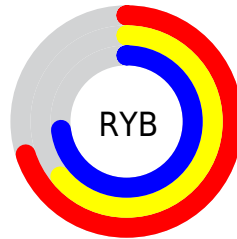
Distribution



Red (70%)

Green (64%)

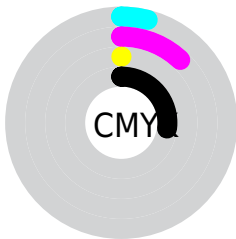
Blue (73%)



Red (70%)

Yellow (64%)

Blue (73%)

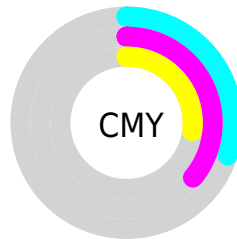


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5505, 39.3233, 51.9073 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 40.5505, 39.3233, 51.9073 by changing the saturation by 10% instead.


 40.5505, 39.3233,
51.9073

 40.5505, 39.3233,
51.9073

339.5332,
343.2631, 411.0254

 28.1541, 27.0113,
36.5495


 75.2801, 74.1320,
94.4197

 18.5829, 17.5817,
24.5658


 98.3440, 97.3974,
122.4113

 11.4715, 10.6501,
15.5378


125.6946,
125.0828, 155.4513

 6.4545, 5.8321,
9.0469

157.6970,
157.5726, 193.9582

 3.1667, 2.7432,
4.6745

194.7167,
195.2511, 238.3505

 1.2425, 0.9992,
2.0022

237.1191,

 0.1395, 0.0000,

238.5028, 289.0468

0.5566

285.2695,
287.7120, 346.4656

■ 0.0000, 0.0000,
0.0000

■ 40.5505, 39.3233,
51.9073

■ 40.5505, 39.3233,
51.9073

■ 36.2064, 32.5374,
50.8270

■ 45.4364, 47.1117,
53.1537

■ 32.3788, 26.7064,
49.9033

■ 50.8811, 55.9376,
54.5703

■ 29.0456, 21.7863,
49.1293

■ 56.9050, 65.8403,
56.1642

■ 26.1815, 17.7275,
48.4968

■ 63.5265, 76.8558,
57.9414

■ 23.7590, 14.4759,
47.9969

■ 70.4418, 88.3753,
59.8004

■ 21.7471, 11.9709,
47.6194

■ 72.0553, 89.2071,
59.8759

■ 20.1107, 10.1429,
47.3528

■ 73.7262, 90.0684,
59.9541

■ 18.8078, 8.9091,
47.1833

■ 75.4549, 90.9596,
60.0350

■ 17.9748, 8.2425,
47.0986

■ 77.2422, 91.8810,
60.1187

Harmonies

Analogous

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



38.5770, 39.3233, 55.7297



40.5505, 39.3233, 51.9073



41.6936, 39.3233, 45.8347

Triad

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



40.5505, 39.3233, 51.9073



38.4152, 39.3233, 31.9696



33.4060, 39.3233, 46.3118

Complementary

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



40.5505, 39.3233, 51.9073



40.7489, 46.3093, 41.4433

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.



33.3666, 39.3233, 39.9335



40.5505, 39.3233, 51.9073



36.1995, 39.3233, 32.0699

Square

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



40.5505, 39.3233, 51.9073



40.4280, 39.3233, 34.5650



34.3709, 39.3233, 34.8542



34.4809, 39.3233, 52.2863

Rectangle

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



40.5505, 39.3233, 51.9073



41.8027, 39.3233, 41.5254



34.3709, 39.3233, 34.8542



33.2727, 39.3233, 44.1339

Sweetspot

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



40.5517, 39.3250, 51.9082



80.7772, 82.8579, 95.9372



38.3967, 40.1893, 52.1886



17.6359, 18.0021, 21.0878



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.5517, 39.3250, 51.9082



71.1309, 67.5468, 93.4902



41.7692, 40.0037, 49.6596



9.1077, 9.0219, 11.3408



12.1717, 5.5859, 31.6897



0.4889, 0.2277, 1.1199

Inverse Universe

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



40.6040, 39.5376, 43.5238



71.2750, 68.0304, 75.0020



39.6597, 45.7034, 43.3975



9.1141, 9.0560, 9.9485



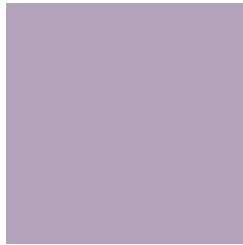
14.1435, 7.2312, 3.3766



0.5270, 0.2663, 0.2688

Previews

White Background



This preview shows how the XYZ color 40.5505, 39.3233, 51.9073 looks on a white background.

Color Contrast Check

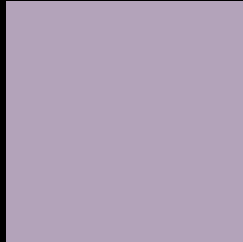
Large Text (above 18pt) WCAG AA × Fail

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 40.5505, 39.3233, 51.9073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

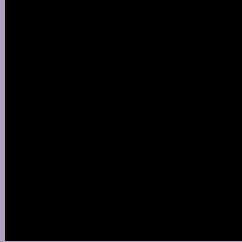
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5505, 39.3233, 51.9073

Background



This preview shows how black text looks on a background with the XYZ color 40.5505, 39.3233, 51.9073.



This preview shows how white text looks on a background with the XYZ color 40.5505, 39.3233,

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

40.5505, 39.3233, 51.9073

Protanopia

38.5211, 39.3109, 53.7016

Deuteranopia

40.2698, 39.4432, 51.9452



Tritanopia

39.5714, 39.1902, 47.0738

Trichromacy



Original Color

40.5505, 39.3233, 51.9073

Protanomaly

39.2909, 39.4493, 53.1206

Deuteranomaly

40.4985, 39.5611, 51.9559

Tritanomaly

39.8738, 39.3112, 48.6663

Monochromacy



Original Color

40.5505, 39.3233, 51.9073

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8888, 39.6563, 46.6791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5505, 39.3233, 51.9073 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(179, 163, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 163, 186)  
}
```

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(179, 163, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 163, 186) }
```

Border

The CSS property to change the border of an element to XYZ 40.5505, 39.3233, 51.9073 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(179, 163, 186) }
```


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

```
.border{ border-color:rgb(179, 163, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 163, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 163, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 163, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 163,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5505, 39.3233, 51.9073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 163, 186) }
```

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

```
.background{ background-color: rgb(179,  
163, 186) }
```

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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