

Converting Colors

XYZ(39.6213, 39.0716, 44.8783)

Have a look what the booklet for
XYZ(39.6213, 39.0716, 44.8783)
contains.

XYZ(39.6961, 39.0353, 44.9775)	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(39.6961, 39.0353,
44.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A3AD
RGB	181, 163, 173
RGB Percent	71%, 64%, 68%
CMY	0.2902, 0.3608, 0.3216
CMYK	0.00, 0.10, 0.04, 0.29
HSL	327°, 11%, 67%
HSV	327°, 10%, 71%
XYZ	39.6961, 39.0353, 44.9775
YIQ	169.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

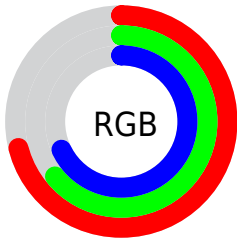
Format	Color
R_{YB}	181, 163, 173
Decimal	11903917
CIE Lab	68.78, 8.33, -2.78
CIE LCh	69, 8.779, 341.514
Yxy	39.0353, 0.3209, 0.3155
Android (android.graphics.Color)	4290093997 (0xFFB5A3AD)
YUV	169.5220, 1.7147, 10.0662
Hunter-Lab	62.4782, 4.0746, 1.0524

Details

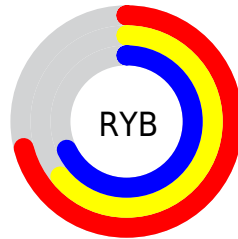
The XYZ color **39.6961, 39.0353, 44.9775** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9804, 43.7756, 44.9253**, and the grayscale version is **37.9608, 39.9377, 43.4922**.

A 20% lighter version of the original color is **74.0000, 73.7488, 83.7335**, and **18.0377, 17.3385, 20.4851** is the 20% darker color. If you saturate the color by 10%, you get **35.9545, 32.7604, 40.0043**, and if you desaturate by 10%, it is **43.9468, 46.2523, 50.3527**.

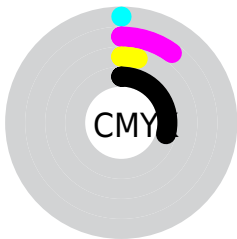
Distribution



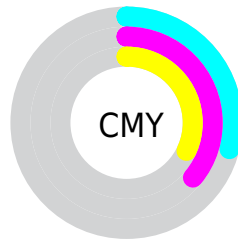
- Red (71%)
- Green (64%)
- Blue (68%)



- Red (71%)
- Yellow (64%)
- Blue (68%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6961, 39.0353, 44.9775 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 39.6961, 39.0353, 44.9775 by changing the saturation by 10% instead.

■ 39.6961, 39.0353,
44.9775

■ 39.6961, 39.0353,
44.9775

335.9974,
342.0405, 382.8399

■ 27.4848, 26.7872,
31.0969

■ 73.9878, 73.6922,
84.0047

■ 18.0761, 17.4135,
20.4136

■ 96.7990, 96.8699,
109.9884

■ 11.1047, 10.5297,
12.5090

123.8741,
124.4594, 140.8436

■ 6.2051, 5.7516,
6.9646

155.5786,
156.8454, 176.9887

■ 3.0120, 2.6946,
3.3618

192.2779,
194.4121, 218.8424

■ 1.1601, 0.9745,
1.2822

234.3372,

■ 0.0745, 0.0000,

237.5439, 266.8231

0.0472

282.1219,
286.6253, 321.3494

■ 0.0000, 0.0000,
0.0000

■ 39.6961, 39.0353,
44.9775

■ 39.6961, 39.0353,
44.9775

■ 35.9545, 32.7604,
40.0043

■ 43.9468, 46.2523,
50.3527

■ 32.6985, 27.3833,
35.4197

■ 48.7223, 54.4431,
56.1377

■ 29.9073, 22.8637,
31.2134

■ 54.0418, 63.6444,
62.3432

■ 27.5578, 19.1562,
27.3731

■ 59.9225, 73.8894,
68.9786

■ 25.6242, 16.2112,
23.8860

■ 66.3808, 85.2095,
76.0531

■ 24.0785, 13.9736,
20.7382

■ 67.9044, 86.5791,
81.7328

■ 22.8885, 12.3809,
17.9143

■ 69.0043, 87.0191,
87.5248

■ 22.0165, 11.3594,
15.3969

■ 70.1564, 87.4799,
93.5914

■ 21.3862, 10.7576,
13.1554

■ 71.3612, 87.9618,
99.9359

Harmonies

Analogous

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



38.9026, 39.0353, 48.4989



39.6961, 39.0353, 44.9775



39.7842, 39.0353, 40.9925

Triad

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



39.6961, 39.0353, 44.9775



36.5707, 39.0353, 35.4318



35.1354, 39.0353, 47.7833

Complementary

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



39.6961, 39.0353, 44.9775



38.9804, 43.7756, 44.9253

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.



34.5429, 39.0353, 44.0498



39.6961, 39.0353, 44.9775



35.3576, 39.0353, 37.0225

Square

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



39.6961, 39.0353, 44.9775



37.9562, 39.0353, 35.6457



34.6232, 39.0353, 40.1206



36.2605, 39.0353, 50.1873

Rectangle

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



39.6961, 39.0353, 44.9775



39.4285, 39.0353, 38.6242



34.6232, 39.0353, 40.1206



34.8687, 39.0353, 46.6327

Sweetspot

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



39.6972, 39.0370, 44.9783



76.2426, 78.6365, 87.1108



38.1903, 38.1680, 49.0710



16.3448, 16.7684, 18.6595



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.



39.6972, 39.0370, 44.9783



69.5046, 67.2313, 78.4811



38.8736, 38.7075, 40.6411



8.6873, 8.5816, 9.8519



14.7761, 7.4280, 9.2467



0.4937, 0.2452, 0.4427

Inverse Universe

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



39.6972, 39.0370, 44.9783



69.5046, 67.2313, 78.4811



39.8472, 44.1224, 49.4903



8.6873, 8.5816, 9.8519



14.7761, 7.4280, 9.2467



0.4937, 0.2452, 0.4427

Previews

White Background



This preview shows how the XYZ color 39.6961, 39.0353, 44.9775 looks on a white background.

Color Contrast Check

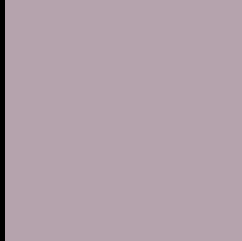
Large Text (above 18pt) WCAG AA × Fail

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 39.6961, 39.0353, 44.9775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

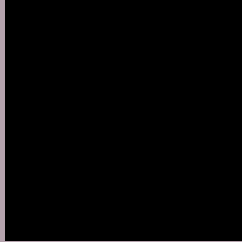
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6961, 39.0353, 44.9775

Background



This preview shows how black text looks on a background with the XYZ color 39.6961, 39.0353, 44.9775.



This preview shows how white text looks on a background with the XYZ color 39.6961, 39.0353,

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

39.6961, 39.0353, 44.9775

Protanopia

37.9188, 39.1676, 46.1190

Deuteranopia

39.9314, 39.1566, 44.9885



Tritanopia

39.8911, 39.1133, 46.0046

Trichromacy



Original Color

39.6961, 39.0353, 44.9775

Protanomaly

38.5098, 39.2127, 45.5835

Deuteranomaly

39.9314, 39.1566, 44.9885

Tritanomaly

39.7932, 39.0741, 45.4891

Monochromacy



Original Color

39.6961, 39.0353, 44.9775

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6250, 39.5764, 44.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6961, 39.0353, 44.9775 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(181, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 173)  
}
```

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(181, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 173) }
```

Border

The CSS property to change the border of an element to XYZ 39.6961, 39.0353, 44.9775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

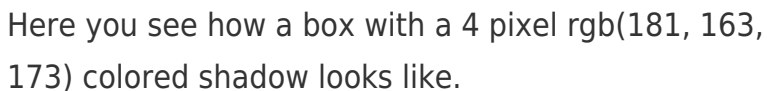
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 163, 173) }
```


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

```
.border{ border-color:rgb(181, 163, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 163, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 163, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 163, 173); box-shadow:4px 4px 4px 4px rgb(181, 163, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6961, 39.0353, 44.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 173) }
```

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

```
.background{ background-color: rgb(181,  
163, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor