

Converting Colors

XYZ(39.3022, 39.9853, 44.8415)

Have a look what the booklet for
XYZ(39.3022, 39.9853, 44.8415)
contains.

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Color

**XYZ(39.1696, 39.8461,
44.6563)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A7AC
RGB	176, 167, 172
RGB Percent	69%, 65%, 67%
CMY	0.3098, 0.3451, 0.3255
CMYK	0.00, 0.05, 0.02, 0.31
HSL	327°, 5%, 67%
HSV	327°, 5%, 69%
XYZ	39.1696, 39.8461, 44.6563
YIQ	170.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

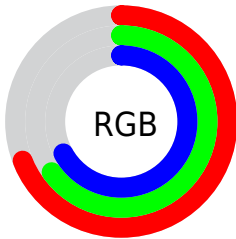
Format	Color
RYB	176, 167, 172
Decimal	11577260
CIELab	69.36, 4.15, -1.42
CIELCh	69, 4.390, 341.088
Yxy	39.8461, 0.3167, 0.3222
Android (android.graphics.Color)	4289767340 (0xFFB0A7AC)
YUV	170.2610, 0.8573, 5.0331
Hunter-Lab	63.1238, 0.2963, 2.2425

Details

The XYZ color **39.1696, 39.8461, 44.6563** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8139, 42.2075, 44.6313**, and the grayscale version is **38.3342, 40.3305, 43.9199**.

A 20% lighter version of the original color is **73.2651, 74.9444, 83.2773**, and **17.8331, 17.9026, 20.2849** is the 20% darker color. If you saturate the color by 10%, you get **35.4330, 33.5399, 39.8118**, and if you desaturate by 10%, it is **43.3916, 47.0510, 49.8820**.

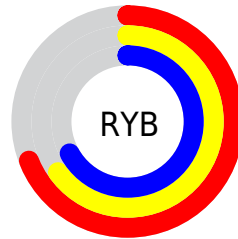
Distribution



Red (69%)

Green (65%)

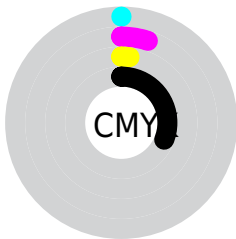
Blue (67%)



Red (69%)

Yellow (65%)

Blue (67%)

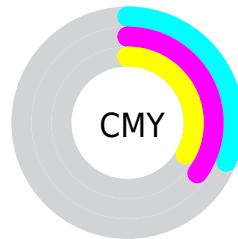


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1696, 39.8461, 44.6563 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 39.1696, 39.8461, 44.6563 by changing the saturation by 10% instead.

■ 39.1696, 39.8461,
44.6563

■ 39.1696, 39.8461,
44.6563

333.8058,
345.4745, 381.4992

■ 27.0730, 27.4186,
30.8458

■ 73.1898, 74.9291,
83.5174

■ 17.7649, 17.8878,
20.2240

■ 95.8440, 98.3534,
109.4051

■ 10.8800, 10.8695,
12.3723

122.7482,
126.2120, 140.1556

■ 6.0529, 5.9791,
6.8721

154.2677,
158.8894, 176.1874

■ 2.9182, 2.8324,
3.3050

190.7679,
196.7699, 217.9192

■ 1.1107, 1.0449,
1.2524

232.6140,

■ 0.0340, 0.0000,

240.2380, 265.7694

0.0223

280.1715,
289.6781, 320.1565

■ 0.0000, 0.0000,
0.0000

■ 39.1696, 39.8461,
44.6563

■ 39.1696, 39.8461,
44.6563

■ 35.4330, 33.5399,
39.8118

■ 43.3916, 47.0510,
49.8820

■ 32.1600, 28.0919,
35.3359

■ 48.1128, 55.1831,
55.4956

■ 29.3321, 23.4657,
31.2192

■ 53.3509, 64.2758,
61.5070

■ 26.9284, 19.6208,
27.4508

■ 59.1216, 74.3594,
67.9249

■ 24.9261, 16.5128,
24.0190

■ 65.4384, 85.4597,
74.7572

■ 23.3001, 14.0930,
20.9114

■ 66.4445, 85.8621,
80.0550

■ 22.0223, 12.3067,
18.1142

■ 67.4989, 86.2839,
85.6079

■ 21.0606, 11.0909,
15.6123

■ 68.6025, 86.7253,
91.4192

■ 20.3754, 10.3679,
13.3878

■ 69.7558, 87.1867,
97.4923

Harmonies

Analogous

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



38.7705, 39.8461, 46.3783



39.1696, 39.8461, 44.6563



39.2186, 39.8461, 42.6432

Triad

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



39.1696, 39.8461, 44.6563



37.6124, 39.8461, 39.6858



36.8599, 39.8461, 45.9878

Complementary

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



39.1696, 39.8461, 44.6563



38.8139, 42.2075, 44.6313

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.



36.5576, 39.8461, 44.1366



39.1696, 39.8461, 44.6563



36.9885, 39.8461, 40.5245

Square

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



39.1696, 39.8461, 44.6563



38.3136, 39.8461, 39.8152



36.6044, 39.8461, 42.1393



37.4348, 39.8461, 47.1634

Rectangle

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



39.1696, 39.8461, 44.6563



39.0454, 39.8461, 41.4115



36.6044, 39.8461, 42.1393



36.7233, 39.8461, 45.4215

Sweetspot

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



39.1707, 39.8478, 44.6572



73.3024, 76.1136, 83.8338



38.4295, 39.4206, 46.6583



15.9038, 16.5257, 18.1906



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.1707, 39.8478, 44.6572



70.3299, 71.0620, 80.0890



38.7553, 39.6816, 42.4694



8.9361, 9.0027, 10.1709



14.7756, 7.4278, 9.2444



0.4937, 0.2452, 0.4426

Inverse Universe

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



39.1707, 39.8478, 44.6572



70.3299, 71.0620, 80.0890



39.2401, 42.3780, 46.8760



8.9361, 9.0027, 10.1709



14.7756, 7.4278, 9.2444



0.4937, 0.2452, 0.4426

Previews

White Background



This preview shows how the XYZ color 39.1696, 39.8461, 44.6563 looks on a white background.

Color Contrast Check

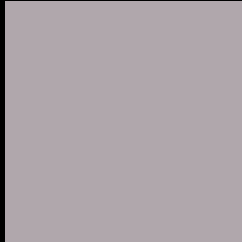
Large Text (above 18pt) WCAG AA × Fail

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 39.1696, 39.8461, 44.6563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

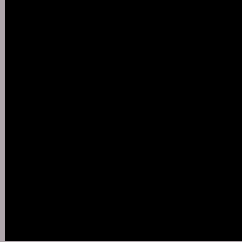
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1696, 39.8461, 44.6563

Background



This preview shows how black text looks on a background with the XYZ color 39.1696, 39.8461, 44.6563.



This preview shows how white text looks on a background with the XYZ color 39.1696, 39.8461,

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

39.1696, 39.8461, 44.6563

Protanopia

38.3400, 39.6803, 45.1735

Deuteranopia

40.5854, 39.7584, 45.0702



Tritanopia

39.9044, 39.8742, 48.2411

Trichromacy



Original Color

39.1696, 39.8461, 44.6563

Protanomaly

38.7790, 39.9066, 45.1940

Deuteranomaly

40.0540, 39.7512, 45.0968

Tritanomaly

39.6042, 39.7541, 46.6602

Monochromacy



Original Color

39.1696, 39.8461, 44.6563

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5519, 40.0869, 44.2337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1696, 39.8461, 44.6563 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(176, 167, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 167, 172)  
}
```

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(176, 167, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 167, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.1696, 39.8461, 44.6563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

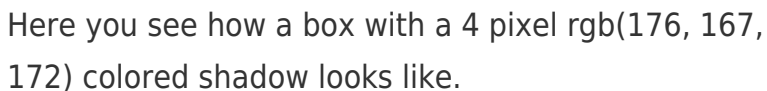
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 167, 172) }
```


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

```
.border{ border-color:rgb(176, 167, 172) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 167, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 167, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 167, 172); box-shadow:4px 4px 4px 4px rgb(176, 167, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1696, 39.8461, 44.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 167, 172) }
```

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

```
.background{ background-color: rgb(176,  
167, 172) }
```

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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