

Converting Colors

XYZ(39.6671, 40.0491, 42.4475)

Have a look what the booklet for
XYZ(39.6671, 40.0491, 42.4475)
contains.

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Color

**XYZ(39.7090, 40.1679,
42.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A7A8
RGB	180, 167, 168
RGB Percent	71%, 65%, 66%
CMY	0.2941, 0.3451, 0.3412
CMYK	0.00, 0.07, 0.07, 0.29
HSL	355°, 8%, 68%
HSV	355°, 7%, 71%
XYZ	39.7090, 40.1679, 42.7061
YIQ	171.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

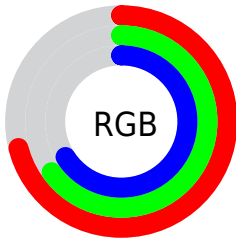
Format	Color
RYB	180, 167, 168
Decimal	11839400
CIELab	69.59, 4.87, 1.17
CIELCh	70, 5.004, 13.493
Yxy	40.1679, 0.3239, 0.3277
Android (android.graphics.Color)	4290029480 (0xFFB4A7A8)
YUV	171.0010, -1.4795, 7.8921
Hunter-Lab	63.3782, 0.9258, 4.4133

Details

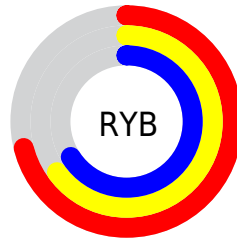
The XYZ color **39.7090, 40.1679, 42.7061** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3958, 44.1137, 49.0357**, and the grayscale version is **38.7147, 40.7309, 44.3559**.

A 20% lighter version of the original color is **74.0326, 75.4031, 80.4644**, and **18.0355, 18.0344, 19.0534** is the 20% darker color. If you saturate the color by 10%, you get **35.1877, 33.4465, 34.0422**, and if you desaturate by 10%, it is **44.8895, 47.8900, 52.5671**.

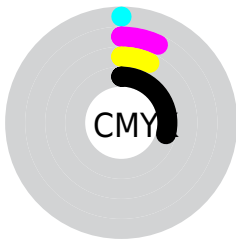
Distribution



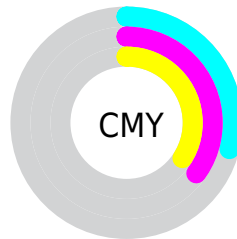
- Red (71%)
- Green (65%)
- Blue (66%)



- Red (71%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7090, 40.1679, 42.7061 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 39.7090, 40.1679, 42.7061 by changing the saturation by 10% instead.

■ 39.7090, 40.1679,
42.7061

■ 39.7090, 40.1679,
42.7061

336.0510,
346.8307, 373.2874

■ 27.4949, 27.6695,
29.3249

■ 74.0073, 75.4191,
80.5488

■ 18.0838, 18.0767,
19.0790

■ 96.8223, 98.9407,
105.8473

■ 11.1102, 11.0050,
11.5500

123.9017,
126.9055, 135.9553

■ 6.2088, 6.0702,
6.3193

155.6107,
159.6978, 171.2915

■ 3.0144, 2.8878,
2.9683

192.3148,
197.7021, 212.2742

■ 1.1614, 1.0735,
1.0785

234.3793,

■ 0.0755, 0.0000,

241.3028, 259.3220

0.0000

282.1696,
290.8842, 312.8536

0.0000, 0.0000,
0.0000

39.7090, 40.1679,
42.7061

39.7090, 40.1679,
42.7061

35.1877, 33.4465,
34.0422

44.8895, 47.8900,
52.5671

31.2959, 27.6797,
26.5273

50.7505, 56.6458,
63.6655

28.0067, 22.8260,
20.1138

57.3168, 66.4734,
76.0432

25.2899, 18.8384,
14.7500

64.6107, 77.4073,
89.7391

23.1126, 15.6661,
10.3800

72.0108, 88.1947,
104.5763

■ 21.4389, 13.2526,
6.9425

■ 72.6326, 88.4434,
107.8509

■ 20.2280, 11.5345,
4.3696

■ 19.4331, 10.4380,
2.5841

■ 18.9896, 9.8571,
1.4924

Harmonies

Analogous

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



39.6873, 40.1679, 45.0123



39.7090, 40.1679, 42.7061



39.3165, 40.1679, 40.7448

Triad

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



39.7090, 40.1679, 42.7061



37.1191, 40.1679, 40.5872



37.7387, 40.1679, 48.1419

Complementary

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



39.7090, 40.1679, 42.7061



40.3958, 44.1137, 49.0357

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.



37.0625, 40.1679, 46.8702



39.7090, 40.1679, 42.7061



36.7082, 40.1679, 42.4841

Square

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



39.7090, 40.1679, 42.7061



37.8171, 40.1679, 39.5508



36.6876, 40.1679, 44.7824



38.5420, 40.1679, 48.2065

Rectangle

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



39.7090, 40.1679, 42.7061



38.8759, 40.1679, 39.8742



36.6876, 40.1679, 44.7824



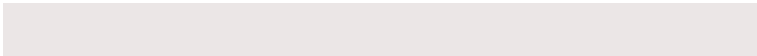
37.4892, 40.1679, 47.8394

Sweetspot

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



39.7101, 40.1697, 42.7070



76.7208, 79.8648, 86.4321



40.6293, 40.5083, 48.8580



16.6042, 17.2946, 18.7231



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.



39.7101, 40.1697, 42.7070



70.3250, 70.3392, 74.2313



40.6306, 42.1586, 42.5573



8.5219, 8.5155, 8.9810



13.2016, 6.7982, 0.9558



0.4241, 0.2174, 0.0758

Inverse Universe

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



39.7101, 40.1697, 42.7070



70.3250, 70.3392, 74.2313



39.4251, 42.0102, 49.2114



8.5219, 8.5155, 8.9810



13.2016, 6.7982, 0.9558



0.4241, 0.2174, 0.0758

Previews

White Background



This preview shows how the XYZ color 39.7090, 40.1679, 42.7061 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 39.7090, 40.1679, 42.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

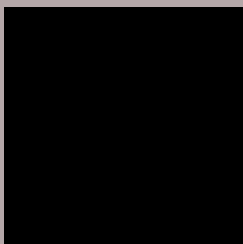
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

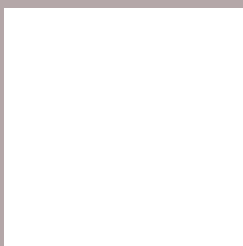
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7090, 40.1679, 42.7061

Background



This preview shows how black text looks on a background with the XYZ color 39.7090, 40.1679, 42.7061.



This preview shows how white text looks on a background with the XYZ color 39.7090, 40.1679,

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

39.7090, 40.1679, 42.7061

Protanopia

38.5830, 40.1247, 43.2474

Deuteranopia

41.0165, 40.3022, 42.6631



Tritanopia

40.5471, 39.9484, 47.6932

Trichromacy



Original Color

39.7090, 40.1679, 42.7061

Protanomaly

39.0686, 40.0999, 43.2170

Deuteranomaly

40.4713, 40.2899, 42.6895

Tritanomaly

40.3323, 40.1522, 45.6688

Monochromacy



Original Color

39.7090, 40.1679, 42.7061

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0860, 40.6504, 43.8165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7090, 40.1679, 42.7061 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(180, 167, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 168)  
}
```

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(180, 167, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.7090, 40.1679, 42.7061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

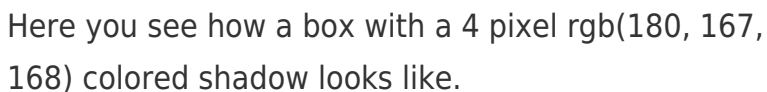
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 167, 168) }
```


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

```
.border{ border-color:rgb(180, 167, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 167, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 167, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 167, 168); box-shadow:4px 4px 4px 4px rgb(180, 167, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7090, 40.1679, 42.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 168) }
```

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

```
.background{ background-color: rgb(180,  
167, 168) }
```

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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