

Converting Colors

XYZ(40.0377, 40.3207, 42.1641)

Have a look what the booklet for
XYZ(40.0377, 40.3207, 42.1641)
contains.

XYZ(40.0852, 40.3725, 42.2392)	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(40.0852, 40.3725,
42.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A7A7
RGB	182, 167, 167
RGB Percent	71%, 65%, 65%
CMY	0.2863, 0.3451, 0.3451
CMYK	0.00, 0.08, 0.08, 0.29
HSL	0°, 9%, 68%
HSV	0°, 8%, 71%
XYZ	40.0852, 40.3725, 42.2392
YIQ	171.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

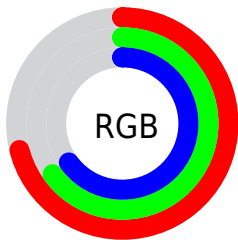
Format	Color
RYB	182, 167, 167
Decimal	11970471
CIELab	69.73, 5.42, 1.95
CIELCh	70, 5.758, 19.827
Yxy	40.3725, 0.3267, 0.3290
Android (android.graphics.Color)	4290160551 (0xFFB6A7A7)
YUV	171.4850, -2.2111, 9.2217
Hunter-Lab	63.5394, 1.4168, 5.0632

Details

The XYZ color **40.0852, 40.3725, 42.2392** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1078, 45.0482, 50.7851**, and the grayscale version is **38.9612, 40.9902, 44.6383**.

A 20% lighter version of the original color is **74.5660, 75.6936, 79.7875**, and **18.2785, 18.1664, 18.7627** is the 20% darker color. If you saturate the color by 10%, you get **35.4177, 33.5429, 32.9583**, and if you desaturate by 10%, it is **45.4609, 48.2385, 52.9254**.

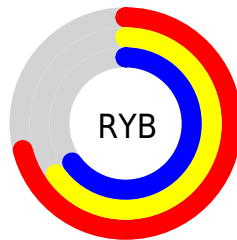
Distribution



Red (71%)

Green (65%)

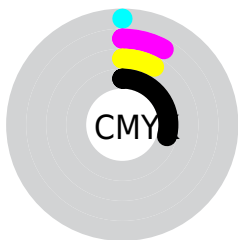
Blue (65%)



Red (71%)

Yellow (65%)

Blue (65%)

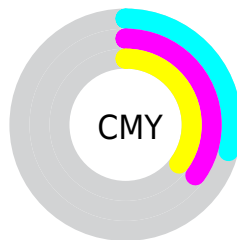


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0852, 40.3725, 42.2392 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 40.0852, 40.3725, 42.2392 by changing the saturation by 10% instead.


 40.0852, 40.3725,
42.2392


 40.0852, 40.3725,
42.2392


337.6108,
347.6911, 371.3024

 27.7895, 27.8291,
28.9617


 74.5768, 75.7304,
79.8355

 18.3067, 18.1969,
18.8065


 97.5033, 99.3137,
104.9914

 11.2714, 11.0914,
11.3551


124.7042,
127.3458, 134.9438

 6.3183, 6.1284,
6.1891

156.5447,
160.2110, 170.1112

 3.0821, 2.9233,
2.8897

193.3903,
198.2937, 210.9122

 1.1973, 1.0918,
1.0386

235.6063,

 0.1043, 0.0000,

241.9784, 257.7654

0.0000

283.5580,
291.6494, 311.0893

■ 0.0000, 0.0000,
0.0000

■ 40.0852, 40.3725,
42.2392

■ 40.0852, 40.3725,
42.2392

■ 35.4177, 33.5429,
32.9583

■ 45.4609, 48.2385,
52.9254

■ 31.4256, 27.7015,
25.0218

■ 51.5690, 57.1759,
65.0692

■ 28.0787, 22.8041,
18.3683

■ 58.4366, 67.2248,
78.7234

■ 25.3432, 18.8013,
12.9303

■ 66.0888, 78.4215,
93.9373

■ 23.1821, 15.6389,
8.6344

■ 73.1017, 88.6852,
107.8728

■ 21.5546, 13.2572,
5.3993

■ 20.4142, 11.5884,
3.1329

■ 19.7069, 10.5532,
1.7274

■ 19.3443, 10.0225,
1.0069

Harmonies

Analogous

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



40.1657, 40.3725, 44.8724



40.0852, 40.3725, 42.2392



39.5417, 40.3725, 40.1490

Triad

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



40.0852, 40.3725, 42.2392



37.0184, 40.3725, 40.7273



38.0569, 40.3725, 49.2118

Complementary

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



40.0852, 40.3725, 42.2392



41.1078, 45.0482, 50.7851

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.



37.2272, 40.3725, 48.0023



40.0852, 40.3725, 42.2392



36.6342, 40.3725, 43.0577

Square

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



40.0852, 40.3725, 42.2392



37.7676, 40.3725, 39.3009



36.7100, 40.3725, 45.7244



38.9845, 40.3725, 48.9709

Rectangle

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



40.0852, 40.3725, 42.2392



38.9948, 40.3725, 39.3107



36.7100, 40.3725, 45.7244



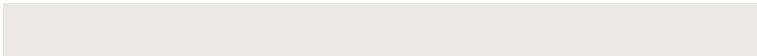
37.7576, 40.3725, 48.9595

Sweetspot

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



40.0863, 40.3743, 42.2401



78.5701, 81.8229, 88.2997



41.5542, 40.9606, 49.9726



17.3768, 18.1059, 19.5485



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.



40.0863, 40.3743, 42.2401



70.9457, 70.6666, 73.1414



41.4999, 43.2014, 42.7113



9.0048, 9.0125, 9.3719



13.6237, 7.0238, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

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



41.1078, 45.0482, 50.7851



73.2012, 80.9870, 92.0097



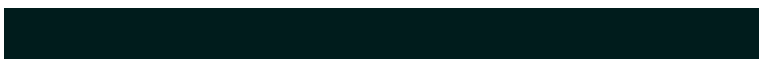
39.6133, 42.0592, 50.2870



9.2666, 10.2103, 11.5618



17.7706, 26.0010, 35.3352



0.6265, 0.9167, 1.2457

Previews

White Background



This preview shows how the XYZ color 40.0852, 40.3725, 42.2392 looks on a white background.

Color Contrast Check

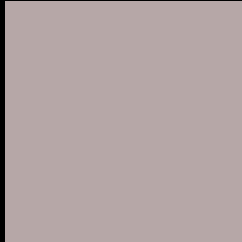
Large Text (above 18pt) WCAG AA × Fail

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 40.0852, 40.3725, 42.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

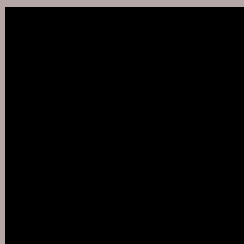
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

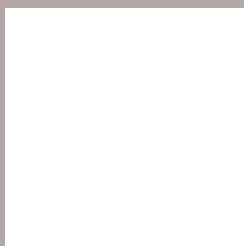
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0852, 40.3725, 42.2392

Background



This preview shows how black text looks on a background with the XYZ color 40.0852, 40.3725, 42.2392.



This preview shows how white text looks on a background with the XYZ color 40.0852, 40.3725,

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

40.0852, 40.3725, 42.2392

Protanopia

38.8982, 40.5753, 42.8274

Deuteranopia

41.1692, 40.3917, 42.1857



Tritanopia

41.2582, 40.3150, 47.7265

Trichromacy



Original Color

40.0852, 40.3725, 42.2392

Protanomaly

39.3873, 40.5502, 42.7968

Deuteranomaly

40.8610, 40.5016, 42.2232

Tritanomaly

40.8046, 40.3957, 45.6909

Monochromacy



Original Color

40.0852, 40.3725, 42.2392

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3096, 40.7657, 43.8269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0852, 40.3725, 42.2392 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(182, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 167, 167)  
}
```

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(182, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 167, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.0852, 40.3725, 42.2392 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(182, 167, 167) }
```


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

```
.border{ border-color:rgb(182, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(182, 167,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0852, 40.3725, 42.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 167, 167) }
```

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

```
.background{ background-color: rgb(182,  
167, 167) }
```

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