

Converting Colors

XYZ(40.7562, 38.8115, 44.3730)

Have a look what the booklet for
XYZ(40.7562, 38.8115, 44.3730)
contains.

XYZ(40.7562, 38.8115, 44.3730)	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(40.7562, 38.8115,
44.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA0AC
RGB	188, 160, 172
RGB Percent	74%, 63%, 67%
CMY	0.2627, 0.3725, 0.3255
CMYK	0.00, 0.15, 0.09, 0.26
HSL	334°, 17%, 68%
HSV	334°, 15%, 74%
XYZ	40.7562, 38.8115, 44.3730
YIQ	169.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

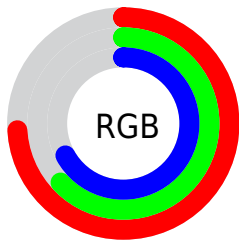
Format	Color
RYB	188, 160, 172
Decimal	12361900
CIELab	68.61, 12.32, -2.39
CIElCh	69, 12.553, 349.011
Yxy	38.8115, 0.3288, 0.3131
Android (android.graphics.Color)	4290551980 (0xFFBCA0AC)
YUV	169.7400, 1.1142, 16.0140
Hunter-Lab	62.2989, 7.7525, 1.3793

Details

The XYZ color **40.7562, 38.8115, 44.3730** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3184, 46.5756, 47.9414**, and the grayscale version is **38.0701, 40.0527, 43.6174**.

A 20% lighter version of the original color is **75.4738, 73.3800, 82.8589**, and **18.7444, 17.2321, 20.1075** is the 20% darker color. If you saturate the color by 10%, you get **36.7500, 32.3838, 38.1509**, and if you desaturate by 10%, it is **45.3409, 46.2617, 51.2005**.

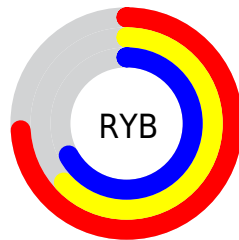
Distribution



Red (74%)

Green (63%)

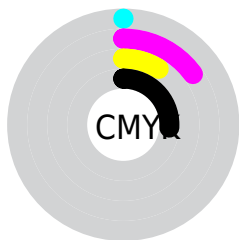
Blue (67%)



Red (74%)

Yellow (63%)

Blue (67%)

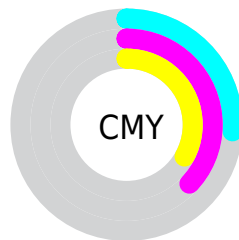


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (26%)



Cyan (26%)


Magenta (37%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7562, 38.8115, 44.3730 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 40.7562, 38.8115, 44.3730 by changing the saturation by 10% instead.


 40.7562, 38.8115,
44.3730


 40.7562, 38.8115,
44.3730


340.3806,
341.0884, 380.3140

 28.3155, 26.6131,
30.6245


 75.5907, 73.3503,
83.0872

 18.7053, 17.2829,
20.0570


 98.7152, 96.4594,
108.8899

 11.5602, 10.4364,
12.2520


126.1316,
123.9743, 139.5479

 6.5150, 5.6892,
6.7909

158.2054,
156.2793, 175.4795

 3.2043, 2.6571,
3.2552

195.3018,
193.7589, 217.1034

 1.2627, 0.9554,
1.2264

237.7862,

 0.1550, 0.0000,

236.7973, 264.8381

0.0003

286.0241,
285.7790, 319.1021

■ 0.0000, 0.0000,
0.0000

■ 40.7562, 38.8115,
44.3730

■ 40.7562, 38.8115,
44.3730

■ 36.7500, 32.3838,
38.1509

■ 45.3409, 46.2617,
51.2005

■ 33.2949, 26.9286,
32.5141

■ 50.5234, 54.7712,
58.6478

■ 30.3664, 22.3992,
27.4446

■ 56.3260, 64.3817,
66.7318

■ 27.9364, 18.7433,
22.9229

■ 62.7691, 75.1306,
75.4682

■ 25.9744, 15.9031,
18.9277

■ 69.8719, 87.0539,
84.8718

■ 24.4461, 13.8137,
15.4362

■ 71.7073, 88.2947,
92.9753

■ 23.3121, 12.4005,
12.4234

■ 73.3201, 88.9398,
101.4683

■ 22.5251, 11.5726,
9.8608

■ 74.5492, 89.4315,
107.9406

■ 22.2080, 11.2790,
8.7049

Harmonies

Analogous

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



39.8398, 38.8115, 49.8260



40.7562, 38.8115, 44.3730



40.6090, 38.8115, 38.8043

Triad

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



40.7562, 38.8115, 44.3730



35.6622, 38.8115, 32.7614



34.4467, 38.8115, 51.0400

Complementary

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



40.7562, 38.8115, 44.3730



40.3184, 46.5756, 47.9414

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.



33.4037, 38.8115, 45.9132



40.7562, 38.8115, 44.3730



34.0880, 38.8115, 35.4999

Square

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



40.7562, 38.8115, 44.3730



37.6201, 38.8115, 32.4293



33.2748, 38.8115, 40.2135



36.1678, 38.8115, 53.8982

Rectangle

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



40.7562, 38.8115, 44.3730



39.9288, 38.8115, 35.7575



33.2748, 38.8115, 40.2135



34.0078, 38.8115, 49.5046

Sweetspot

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



40.7573, 38.8132, 44.3738



82.9072, 85.0418, 93.8644



39.5237, 37.9889, 52.8269



17.6844, 18.0518, 19.9743



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.



40.7573, 38.8132, 44.3738



71.2793, 66.1739, 76.4610



39.9824, 39.0249, 38.6850



9.6953, 9.6024, 10.7844



15.1559, 7.6935, 6.1146



0.6265, 0.3145, 0.4123

Inverse Universe

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



40.7573, 38.8132, 44.3738



71.2793, 66.1739, 76.4610



41.1625, 46.2794, 54.3407



9.6953, 9.6024, 10.7844



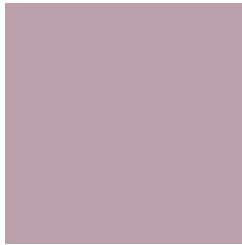
15.1559, 7.6935, 6.1146



0.6265, 0.3145, 0.4123

Previews

White Background



This preview shows how the XYZ color 40.7562, 38.8115, 44.3730 looks on a white background.

Color Contrast Check

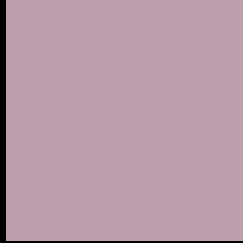
Large Text (above 18pt) WCAG AA × Fail

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 40.7562, 38.8115, 44.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

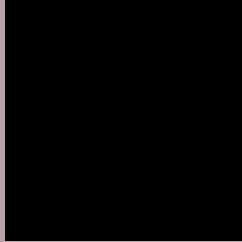
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7562, 38.8115, 44.3730

Background



This preview shows how black text looks on a background with the XYZ color 40.7562, 38.8115, 44.3730.



This preview shows how white text looks on a background with the XYZ color 40.7562, 38.8115,

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

40.7562, 38.8115, 44.3730

Protanopia

37.8036, 39.0969, 46.6283

Deuteranopia

39.6581, 38.7643, 44.4218



Tritanopia

40.7562, 38.8115, 44.3730

Trichromacy



Original Color

40.7562, 38.8115, 44.3730

Protanomaly

38.6925, 38.7600, 45.9996

Deuteranomaly

39.9584, 38.6586, 44.3856

Tritanomaly

40.7562, 38.8115, 44.3730

Monochromacy



Original Color

40.7562, 38.8115, 44.3730

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1184, 39.5598, 44.1021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7562, 38.8115, 44.3730 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(188, 160, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 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(188, 160, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.7562, 38.8115, 44.3730 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(188, 160, 172) }
```


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

```
.border{ border-color:rgb(188, 160, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 160, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7562, 38.8115, 44.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 172) }
```

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

```
.background{ background-color: rgb(188,  
160, 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](#).

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