

Converting Colors

XYZ(40.3503, 38.3781, 41.3708)

Have a look what the booklet for
XYZ(40.3503, 38.3781, 41.3708)
contains.

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Color

**XYZ(40.2673, 38.3683,
41.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9FA6
RGB	189, 159, 166
RGB Percent	74%, 62%, 65%
CMY	0.2588, 0.3765, 0.3490
CMYK	0.00, 0.16, 0.12, 0.26
HSL	346°, 19%, 68%
HSV	346°, 16%, 74%
XYZ	40.2673, 38.3683, 41.3599
YIQ	168.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

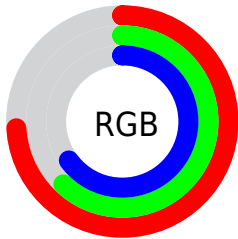
Format	Color
RYB	189, 159, 166
Decimal	12427174
CIELab	68.29, 12.20, 0.48
CIElCh	68, 12.213, 2.275
Yxy	38.3683, 0.3356, 0.3197
Android (android.graphics.Color)	4290617254 (0xFFBD9FA6)
YUV	168.7680, -1.3646, 17.7435
Hunter-Lab	61.9422, 7.6404, 3.7705

Details

The XYZ color **40.2673, 38.3683, 41.3599** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9406, 47.1444, 51.2002**, and the grayscale version is **37.5995, 39.5576, 43.0782**.

A 20% lighter version of the original color is **74.7539, 72.7261, 78.5042**, and **18.3915, 17.0909, 18.2491** is the 20% darker color. If you saturate the color by 10%, you get **36.0072, 31.8566, 33.7467**, and if you desaturate by 10%, it is **45.1764, 45.9372, 49.9294**.

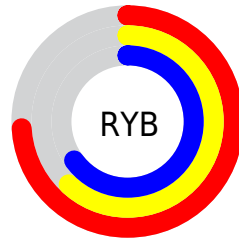
Distribution



Red (74%)

Green (62%)

Blue (65%)



Red (74%)

Yellow (62%)

Blue (65%)

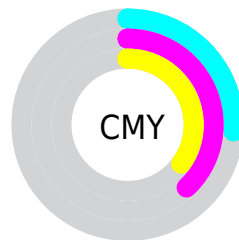


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (26%)



Cyan (26%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2673, 38.3683, 41.3599 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 40.2673, 38.3683, 41.3599 by changing the saturation by 10% instead.


 40.2673, 38.3683,
41.3599


 40.2673, 38.3683,
41.3599


338.3640,
339.1973, 367.5437

 27.9322, 26.2687,
28.2786


 74.8521, 72.6723,
78.4895

 18.4147, 17.0247,
18.2949


 97.8325, 95.6454,
103.3749

 11.3496, 10.2521,
10.9903

125.0921,
123.0119, 133.0321

 6.3715, 5.5664,
5.9462

156.9961,
155.1560, 167.8796

 3.1151, 2.5833,
2.7441

193.9099,
192.4622, 208.3360

 1.2149, 0.9183,
0.9655

236.1990,

 0.1181, 0.0000,

235.3149, 254.8198

0.0000

284.2285,
284.0984, 307.7495

■ 0.0000, 0.0000,
0.0000

■ 40.2673, 38.3683,
41.3599

■ 40.2673, 38.3683,
41.3599

■ 36.0072, 31.8566,
33.7467

■ 45.1764, 45.9372,
49.9294

■ 32.3653, 26.3501,
27.0538

■ 50.7569, 54.6023,
59.4847

■ 29.3133, 21.7998,
21.2465

■ 57.0344, 64.4066,
70.0569

■ 26.8193, 18.1509,
16.2869

■ 64.0319, 75.3897,
81.6751

■ 24.8483, 15.3428,
12.1342

■ 71.7716, 87.5888,
94.3670

■ 23.3611, 13.3074,
8.7442

■ 74.4683, 89.4276,
106.2243

■ 22.3130, 11.9658,
6.0679

■ 74.7964, 89.5589,
107.9521

■ 21.6483, 11.2192,
4.0498

■ 21.4426, 11.0014,
3.3844

Harmonies

Analogous

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



39.8210, 38.3683, 46.8704



40.2673, 38.3683, 41.3599



39.6664, 38.3683, 36.4012

Triad

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



40.2673, 38.3683, 41.3599



34.5392, 38.3683, 33.4895



34.7837, 38.3683, 51.8101

Complementary

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



40.2673, 38.3683, 41.3599



40.9406, 47.1444, 51.2002

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.



33.4462, 38.3683, 47.6566



40.2673, 38.3683, 41.3599



33.3086, 38.3683, 37.0658

Square

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



40.2673, 38.3683, 41.3599



36.3221, 38.3683, 32.1118



32.9154, 38.3683, 42.1960



36.6141, 38.3683, 53.2087

Rectangle

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



40.2673, 38.3683, 41.3599



38.7647, 38.3683, 33.9876



32.9154, 38.3683, 42.1960



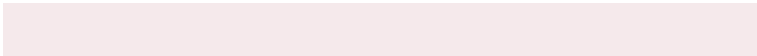
34.2637, 38.3683, 50.6729

Sweetspot

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



40.2684, 38.3700, 41.3607



81.6564, 83.4277, 90.7113



40.8761, 38.4173, 53.4053



17.4172, 17.7200, 19.2608



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.



40.2684, 38.3700, 41.3607



69.3720, 64.5067, 69.2051



41.0642, 40.9610, 38.5450



9.6189, 9.5719, 10.3822



14.4522, 7.4120, 2.4090



0.5922, 0.3008, 0.2318

Inverse Universe

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



40.2684, 38.3700, 41.3607



69.3720, 64.5067, 69.2051



40.0086, 44.0940, 54.5467



9.6189, 9.5719, 10.3822



14.4522, 7.4120, 2.4090



0.5922, 0.3008, 0.2318

Previews

White Background



This preview shows how the XYZ color 40.2673, 38.3683, 41.3599 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 40.2673, 38.3683, 41.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

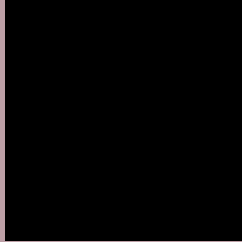
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2673, 38.3683, 41.3599

Background



This preview shows how black text looks on a background with the XYZ color 40.2673, 38.3683, 41.3599.



This preview shows how white text looks on a background with the XYZ color 40.2673, 38.3683,

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

40.2673, 38.3683, 41.3599

Protanopia

37.2541, 38.6097, 43.5191

Deuteranopia

39.1562, 38.3102, 41.4072



Tritanopia

40.8128, 38.3411, 43.7776

Trichromacy



Original Color

40.2673, 38.3683, 41.3599

Protanomaly

38.1631, 38.2891, 42.9152

Deuteranomaly

39.4613, 38.2091, 41.3716

Tritanomaly

40.6235, 38.2654, 42.7810

Monochromacy



Original Color

40.2673, 38.3683, 41.3599

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4275, 38.9675, 42.5419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2673, 38.3683, 41.3599 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(189, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(189, 159, 166)  
}
```

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(189, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.2673, 38.3683, 41.3599 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(189, 159, 166) }
```


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

```
.border{ border-color:rgb(189, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(189, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2673, 38.3683, 41.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 159, 166) }
```

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

```
.background{ background-color: rgb(189,  
159, 166) }
```

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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