

Converting Colors

XYZ(40.1613, 37.3631, 43.5608)

Have a look what the booklet for
XYZ(40.1613, 37.3631, 43.5608)
contains.

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Color

**XYZ(40.0583, 37.2018,
43.5974)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9BAB
RGB	189, 155, 171
RGB Percent	74%, 61%, 67%
CMY	0.2588, 0.3921, 0.3294
CMYK	0.00, 0.18, 0.10, 0.26
HSL	332°, 20%, 67%
HSV	332°, 18%, 74%
XYZ	40.0583, 37.2018, 43.5974
YIQ	166.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

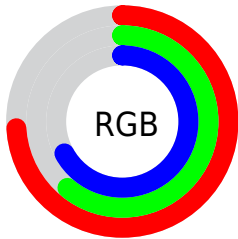
Format	Color
RYB	189, 155, 171
Decimal	12426155
CIELab	67.43, 15.27, -3.57
CIELCh	67, 15.684, 346.845
Yxy	37.2018, 0.3315, 0.3078
Android (android.graphics.Color)	4290616235 (0xFFBD9BAB)
YUV	166.9900, 1.9769, 19.3028
Hunter-Lab	60.9933, 10.4945, 0.3154

Details

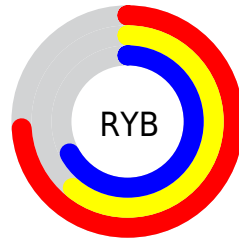
The XYZ color **40.0583, 37.2018, 43.5974** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2595, 46.3819, 46.4208**, and the grayscale version is **36.7121, 38.6240, 42.0616**.

A 20% lighter version of the original color is **74.7801, 71.1770, 81.7487**, and **18.2718, 16.3834, 19.6521** is the 20% darker color. If you saturate the color by 10%, you get **36.2379, 31.0297, 37.7948**, and if you desaturate by 10%, it is **44.4454, 44.3907, 49.9461**.

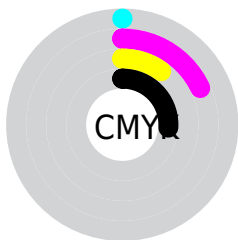
Distribution



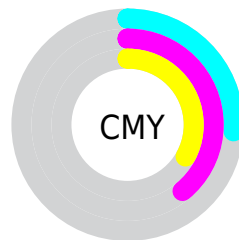
- Red (74%)
- Green (61%)
- Blue (67%)



- Red (74%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0583, 37.2018, 43.5974 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 40.0583, 37.2018, 43.5974 by changing the saturation by 10% instead.

■ 40.0583, 37.2018,
43.5974

■ 40.0583, 37.2018,
43.5974

337.4994,
334.1834, 377.0560

■ 27.7684, 25.3638,
30.0193

■ 74.5361, 70.8830,
81.9076

■ 18.2907, 16.3483,
19.6010

■ 97.4546, 93.4951,
107.4767

■ 11.2599, 9.7709,
11.9242

124.6468,
120.4672, 137.8799

■ 6.3105, 5.2474,
6.5702

156.4780,
152.1838, 173.5357

■ 3.0772, 2.3931,
3.1204

193.3135,
189.0294, 214.8627

■ 1.1947, 0.8223,
1.1564

235.5187,

■ 0.1022, 0.0000,

231.3882, 262.2794

0.0000

283.4589,
279.6447, 316.2043

■ 0.0000, 0.0000,
0.0000

■ 40.0583, 37.2018,
43.5974

■ 40.0583, 37.2018,
43.5974

■ 36.2379, 31.0297,
37.7948

■ 44.4454, 44.3907,
49.9461

■ 32.9565, 25.8231,
32.5200

■ 49.4189, 52.6348,
56.8537

■ 30.1889, 21.5338,
27.7568

■ 55.0014, 61.9765,
64.3356

■ 27.9066, 18.1074,
23.4874

■ 61.2134, 72.4544,
72.4058

■ 26.0780, 15.4834,
19.6924

■ 68.0744, 84.1053,
81.0777

■ 24.6675, 13.5937,
16.3509

■ 71.1763, 88.1109,
88.8887

■ 23.6337, 12.3587,
13.4395

■ 72.6311, 88.6928,
96.5494

■ 22.9137, 11.6559,
10.9273

■ 74.1680, 89.3075,
104.6427

■ 22.7868, 11.5390,
10.4623

■ 74.7965, 89.5589,
107.9522

Harmonies

Analogous

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



38.8428, 37.2018, 50.2617



40.0583, 37.2018, 43.5974



39.9746, 37.2018, 36.7869

Triad

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



40.0583, 37.2018, 43.5974



34.0354, 37.2018, 29.1024



32.2883, 37.2018, 50.9615

Complementary

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



40.0583, 37.2018, 43.5974



39.2595, 46.3819, 46.4208

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.



31.1135, 37.2018, 44.4686



40.0583, 37.2018, 43.5974



32.0904, 37.2018, 32.1029

Square

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



40.0583, 37.2018, 43.5974



36.4226, 37.2018, 28.9257



31.0427, 37.2018, 37.5651



34.3167, 37.2018, 54.8270

Rectangle

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



40.0583, 37.2018, 43.5974



39.1923, 37.2018, 33.0693



31.0427, 37.2018, 37.5651



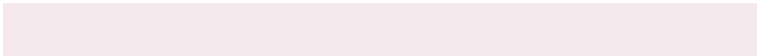
31.7845, 37.2018, 48.9826

Sweetspot

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



40.0594, 37.2035, 43.5982



82.0805, 83.5974, 92.9449



38.0460, 35.9536, 53.0791



17.5204, 17.7613, 19.8042



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.



40.0594, 37.2035, 43.5982



68.6366, 61.5863, 73.4289



38.7199, 36.8189, 36.0784



9.7120, 9.6091, 10.8723



15.3695, 7.7790, 7.2393



0.6351, 0.3179, 0.4577

Inverse Universe

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



40.0594, 37.2035, 43.5982



68.6366, 61.5863, 73.4289



40.7800, 46.7954, 55.0277



9.7120, 9.6091, 10.8723



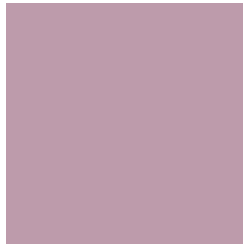
15.3695, 7.7790, 7.2393



0.6351, 0.3179, 0.4577

Previews

White Background



This preview shows how the XYZ color 40.0583, 37.2018, 43.5974 looks on a white background.

Color Contrast Check

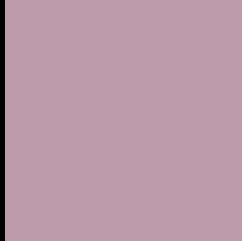
Large Text (above 18pt) WCAG AA × Fail

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 40.0583, 37.2018, 43.5974 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 40.0583, 37.2018, 43.5974

Background



This preview shows how black text looks on a background with the XYZ color 40.0583, 37.2018, 43.5974.



This preview shows how white text looks on a background with the XYZ color 40.0583, 37.2018,

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

40.0583, 37.2018, 43.5974

Protanopia

36.2435, 37.2215, 46.3485

Deuteranopia

38.0139, 37.1635, 43.1999



Tritanopia

39.9426, 37.4229, 42.1639

Trichromacy



Original Color

40.0583, 37.2018, 43.5974

Protanomaly

37.4444, 37.0818, 45.2284

Deuteranomaly

38.7740, 37.3011, 43.1864

Tritanomaly

40.0362, 37.4603, 42.6565

Monochromacy



Original Color

40.0583, 37.2018, 43.5974

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8443, 38.1355, 42.4121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0583, 37.2018, 43.5974 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, 155, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 171)  
}
```

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, 155, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.0583, 37.2018, 43.5974 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, 155, 171) }
```


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

```
.border{ border-color:rgb(189, 155, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 155, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0583, 37.2018, 43.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 171) }
```

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

```
.background{ background-color: rgb(189,  
155, 171) }
```

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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