

Converting Colors

XYZ(40.6819, 37.4378, 47.5212)

Have a look what the booklet for
XYZ(40.6819, 37.4378, 47.5212)
contains.

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Color

**XYZ(40.8443, 37.5162,
47.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9BB3
RGB	189, 155, 179
RGB Percent	74%, 61%, 70%
CMY	0.2588, 0.3921, 0.2980
CMYK	0.00, 0.18, 0.05, 0.26
HSL	318°, 20%, 67%
HSV	318°, 18%, 74%
XYZ	40.8443, 37.5162, 47.7364
YIQ	167.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

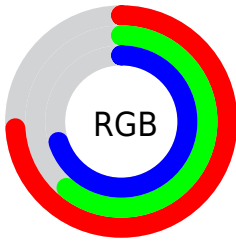
Format	Color
RYB	189, 155, 179
Decimal	12426163
CIELab	67.66, 16.70, -7.69
CIELCh	68, 18.384, 335.272
Yxy	37.5162, 0.3239, 0.2975
Android (android.graphics.Color)	4290616243 (0xFFBD9BB3)
YUV	167.9020, 5.4713, 18.5029
Hunter-Lab	61.2505, 11.8427, -3.3332

Details

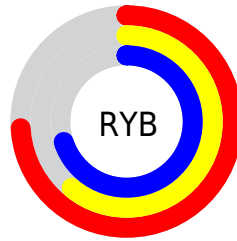
The XYZ color **40.8443, 37.5162, 47.7364** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5082, 46.0814, 42.4645**, and the grayscale version is **37.1420, 39.0763, 42.5541**.

A 20% lighter version of the original color is **75.6982, 71.5038, 88.4092**, and **18.7079, 16.5579, 21.9486** is the 20% darker color. If you saturate the color by 10%, you get **37.3910, 31.4909, 43.8671**, and if you desaturate by 10%, it is **44.8148, 44.5385, 51.8908**.

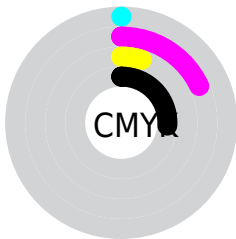
Distribution



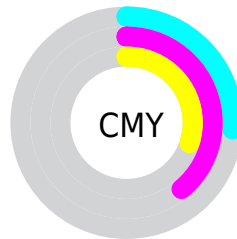
- Red (74%)
- Green (61%)
- Blue (70%)



- Red (74%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8443, 37.5162, 47.7364 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 40.8443, 37.5162, 47.7364 by changing the saturation by 10% instead.


 40.8443, 37.5162,
47.7364


 40.8443, 37.5162,
47.7364

340.7432,
335.5400, 394.2249

 28.3846, 25.6074,
33.2597


 75.7237, 71.3660,
88.1733

 18.7577, 16.5302,
22.0527

 98.8740, 94.0758,
114.9705

 11.5983, 9.9001,
13.6969


126.3187,
121.1547, 146.7116

 6.5410, 5.3328,
7.7739

158.4229,
152.9872, 183.8152

 3.2205, 2.4438,
3.8649

195.5521,
189.9575, 226.6998

 1.2714, 0.8483,
1.5515

238.0717,

 0.1617, 0.0000,

232.4502, 275.7839

0.2559

286.3469,
280.8495, 331.4861

■ 0.0000, 0.0000,
0.0000

■ 40.8443, 37.5162,
47.7364

■ 40.8443, 37.5162,
47.7364

■ 37.3910, 31.4909,
43.8671

■ 44.8148, 44.5385,
51.8908

■ 34.4285, 26.4119,
40.2716

■ 49.3207, 52.5955,
56.3364

■ 31.9330, 22.2315,
36.9409

■ 54.3836, 61.7294,
61.0821

■ 29.8773, 18.8956,
33.8648

■ 60.0227, 71.9782,
66.1354

■ 28.2314, 16.3447,
31.0318

■ 66.2564, 83.3781,
71.5038

■ 26.9612, 14.5112,
28.4291

■ 68.6754, 87.1105,
75.7187

■ 26.0269, 13.3160,
26.0421

■ 69.3906, 87.3966,
79.4849

■ 25.3676, 12.6374,
23.8490

■ 70.1302, 87.6924,
83.3797

■ 25.2483, 12.5237,
23.4243

■ 70.8945, 87.9981,
87.4041

Harmonies

Analogous

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



38.9008, 37.5162, 54.9724



40.8443, 37.5162, 47.7364



41.3687, 37.5162, 39.4303

Triad

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



40.8443, 37.5162, 47.7364



35.1592, 37.5162, 27.1869



31.3885, 37.5162, 50.5477

Complementary

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



40.8443, 37.5162, 47.7364



38.5082, 46.0814, 42.4645

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.



30.4987, 37.5162, 42.3008



40.8443, 37.5162, 47.7364



32.6007, 37.5162, 29.3786

Square

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



40.8443, 37.5162, 47.7364



37.9882, 37.5162, 28.2415



30.9305, 37.5162, 34.6577



33.4251, 37.5162, 56.7404

Rectangle

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



40.8443, 37.5162, 47.7364



40.8203, 37.5162, 34.5372



30.9305, 37.5162, 34.6577



30.9504, 37.5162, 47.8859

Sweetspot

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



40.8454, 37.5179, 47.7372



82.5080, 83.7683, 95.1958



36.3491, 35.0788, 52.9998



17.6247, 17.8030, 20.3531



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.



40.8454, 37.5179, 47.7372



70.3421, 62.2685, 82.4097



39.2632, 36.8850, 39.4054



9.8071, 9.6471, 11.3732



17.0223, 8.4401, 15.9431



0.6941, 0.3415, 0.7683

Inverse Universe

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



40.8454, 37.5179, 47.7372



70.3421, 62.2685, 82.4097



40.1221, 46.7270, 50.9631



9.8071, 9.6471, 11.3732



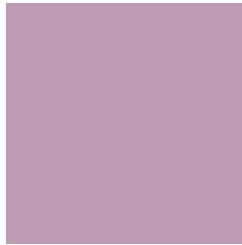
17.0223, 8.4401, 15.9431



0.6941, 0.3415, 0.7683

Previews

White Background



This preview shows how the XYZ color 40.8443, 37.5162, 47.7364 looks on a white background.

Color Contrast Check

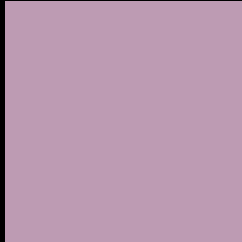
Large Text (above 18pt) WCAG AA × Fail

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 40.8443, 37.5162, 47.7364 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 40.8443, 37.5162, 47.7364

Background



This preview shows how black text looks on a background with the XYZ color 40.8443, 37.5162, 47.7364.



This preview shows how white text looks on a background with the XYZ color 40.8443, 37.5162,

47.7364.

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

40.8443, 37.5162, 47.7364

Protanopia

36.9327, 37.7351, 51.2360

Deuteranopia

38.2859, 37.4699, 47.3340



Tritanopia

39.9574, 37.6699, 42.7011

Trichromacy



Original Color

40.8443, 37.5162, 47.7364

Protanomaly

38.3054, 37.6793, 50.0537

Deuteranomaly

39.0851, 37.3714, 47.2729

Tritanomaly

40.1703, 37.4854, 44.6534

Monochromacy



Original Color

40.8443, 37.5162, 47.7364

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4481, 38.4030, 44.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8443, 37.5162, 47.7364 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 179) }
```

Border

The CSS property to change the border of an element to XYZ 40.8443, 37.5162, 47.7364 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, 179) }
```


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

```
.border{ border-color:rgb(189, 155, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 179);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8443, 37.5162, 47.7364 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, 179) }
```

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

```
.background{ background-color: rgb(189,  
155, 179) }
```

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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