

Converting Colors

XYZ(40.6162, 37.2430, 44.5401)

Have a look what the booklet for
XYZ(40.6162, 37.2430, 44.5401)
contains.

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Color

**XYZ(40.5843, 37.2047,
44.5774)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BF9AAD |
| RGB | 191, 154, 173 |
| RGB Percent | 75%, 60%, 68% |
| CMY | 0.2510, 0.3961, 0.3216 |
| CMYK | 0.00, 0.19, 0.09, 0.25 |
| HSL | 329°, 22%, 68% |
| HSV | 329°, 19%, 75% |
| XYZ | 40.5843, 37.2047, 44.5774 |
| YIQ | 167.2290, 15.9530, 13.7530 |

Conversions

Conversions Part 2

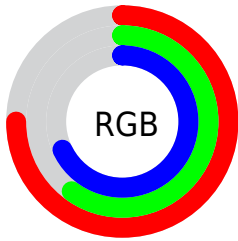
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 191, 154, 173 |
| Decimal | 12556973 |
| CIE Lab | 67.43, 16.90, -4.66 |
| CIE LCh | 67, 17.528, 344.575 |
| Yxy | 37.2047, 0.3317, 0.3040 |
| Android (android.graphics.Color) | 4290747053 (0xFFBF9AAD) |
| YUV | 167.2290, 2.8451, 20.8472 |
| Hunter-Lab | 60.9957, 12.0250, -0.6339 |

Details

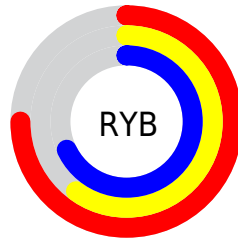
The XYZ color **40.5843, 37.2047, 44.5774** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4051, 47.1112, 46.0484**, and the grayscale version is **36.8242, 38.7419, 42.1900**.

A 20% lighter version of the original color is **75.5155, 71.1588, 83.1537**, and **18.6180, 16.3993, 20.2733** is the 20% darker color. If you saturate the color by 10%, you get **36.8113, 31.0476, 39.0366**, and if you desaturate by 10%, it is **44.9236, 44.3933, 50.6164**.

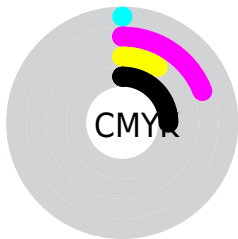
Distribution



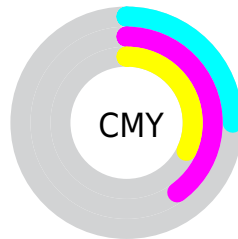
- Red (75%)
- Green (60%)
- Blue (68%)



- Red (75%)
- Yellow (60%)
- Blue (68%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5843, 37.2047, 44.5774 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 40.5843, 37.2047, 44.5774 by changing the saturation by 10% instead.


 40.5843, 37.2047,
44.5774


 40.5843, 37.2047,
44.5774

339.6725,
334.1959, 381.1694

 28.1806, 25.3660,
30.7842


 75.3311, 70.8875,
83.3976

 18.6030, 16.3500,
20.1775


 98.4050, 93.5004,
109.2617

 11.4861, 9.7721,
12.3388


125.7664,
120.4735, 139.9864

 6.4645, 5.2481,
6.8495

157.7806,
152.1912, 175.9904

 3.1728, 2.3936,
3.2911

194.8129,
189.0379, 217.6921

 1.2458, 0.8226,
1.2451

237.2288,

 0.1421, 0.0000,

231.3980, 265.5102

0.0162

285.3935,
279.6559, 319.8631

■ 0.0000, 0.0000,
0.0000

■ 40.5843, 37.2047,
44.5774

■ 40.5843, 37.2047,
44.5774

■ 36.8113, 31.0476,
39.0366

■ 44.9236, 44.3933,
50.6164

■ 33.5764, 25.8692,
33.9772

■ 49.8494, 52.6532,
57.1651

■ 30.8538, 21.6194,
29.3845

■ 55.3846, 62.0280,
64.2375

■ 28.6143, 18.2419,
25.2422

■ 61.5500, 72.5575,
71.8462

■ 26.8254, 15.6739,
21.5325

■ 68.3656, 84.2795,
80.0035

■ 25.4502, 13.8443,
18.2360

■ 71.3551, 88.2401,
87.2227

■ 24.4459, 12.6693,
15.3309

■ 72.6861, 88.7725,
94.2316

■ 23.7350, 11.9970,
12.7838

■ 74.0876, 89.3331,
101.6117

■ 23.6942, 11.9597,
12.6331

■ 75.2961, 89.8165,
107.9755

Harmonies

Analogous

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



39.1165, 37.2047, 52.0004



40.5843, 37.2047, 44.5774



40.6061, 37.2047, 36.8962

Triad

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



40.5843, 37.2047, 44.5774



34.0767, 37.2047, 27.8013



31.8051, 37.2047, 51.8171

Complementary

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



40.5843, 37.2047, 44.5774



39.4051, 47.1112, 46.0484

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.



30.5900, 37.2047, 44.3515



40.5843, 37.2047, 44.5774



31.8556, 37.2047, 30.8501

Square

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



40.5843, 37.2047, 44.5774



36.7552, 37.2047, 27.8456



30.6080, 37.2047, 36.6971



34.0044, 37.2047, 56.5272

Rectangle

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



40.5843, 37.2047, 44.5774



39.7926, 37.2047, 32.6737



30.6080, 37.2047, 36.6971



31.2730, 37.2047, 49.5077

Sweetspot

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



40.5854, 37.2064, 44.5782



83.2288, 84.1370, 94.3924



37.9487, 35.6321, 54.1683



18.1515, 18.2670, 20.5603



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.5854, 37.2064, 44.5782



69.8692, 62.0140, 75.7694



38.9271, 36.5430, 35.8456



9.7291, 9.6160, 10.9626



15.6122, 7.8760, 8.5173



0.6445, 0.3217, 0.5071

Inverse Universe

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



40.5854, 37.2064, 44.5782



69.8692, 62.0140, 75.7694



41.2946, 47.8670, 55.9985



9.7291, 9.6160, 10.9626



15.6122, 7.8760, 8.5173



0.6445, 0.3217, 0.5071

Previews

White Background



This preview shows how the XYZ color 40.5843, 37.2047, 44.5774 looks on a white background.

Color Contrast Check

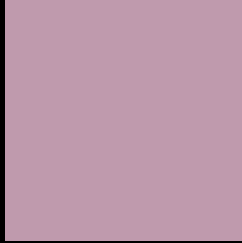
Large Text (above 18pt) WCAG AA × Fail

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 40.5843, 37.2047, 44.5774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

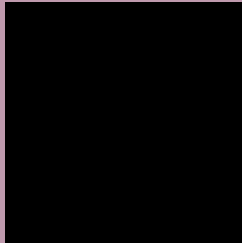
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5843, 37.2047, 44.5774

Background



This preview shows how black text looks on a background with the XYZ color 40.5843, 37.2047, 44.5774.



This preview shows how white text looks on a background with the XYZ color 40.5843, 37.2047,

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

40.5843, 37.2047, 44.5774

Protanopia

36.3381, 37.2356, 47.9198

Deuteranopia

37.9760, 37.1219, 44.1934



Tritanopia

39.9316, 37.1799, 41.6310

Trichromacy



Original Color

40.5843, 37.2047, 44.5774

Protanomaly

37.7402, 37.2002, 46.7862

Deuteranomaly

38.7948, 37.0376, 44.1340

Tritanomaly

40.1180, 37.2544, 42.6125

Monochromacy



Original Color

40.5843, 37.2047, 44.5774

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.9863, 37.9353, 42.8563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5843, 37.2047, 44.5774 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(191, 154, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 154, 173)  
}
```

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(191, 154, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 154, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.5843, 37.2047, 44.5774 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(191, 154, 173) }
```


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

```
.border{ border-color:rgb(191, 154, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 154, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 154, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 154, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 154,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5843, 37.2047, 44.5774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 154, 173) }
```

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

```
.background{ background-color: rgb(191,  
154, 173) }
```

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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