

Converting Colors

XYZ(41.6548, 36.9622, 58.7464)

Have a look what the booklet for
XYZ(41.6548, 36.9622, 58.7464)
contains.

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Color

**XYZ(41.7867, 37.0191,
58.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	BA98C7
RGB	186, 152, 199
RGB Percent	73%, 60%, 78%
CMY	0.2706, 0.4039, 0.2196
CMYK	0.07, 0.24, 0.00, 0.22
HSL	283°, 30%, 69%
HSV	283°, 24%, 78%
XYZ	41.7867, 37.0191, 58.9758
YIQ	167.5240, 5.1770, 21.8250

Conversions

Conversions Part 2

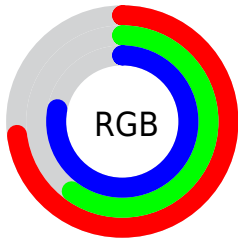
Format	Color
R_{YB}	186, 152, 199
Decimal	12228807
CIE _{Lab}	67.29, 21.18, -19.42
CIE _{LCh}	67, 28.737, 317.473
Yxy	37.0191, 0.3033, 0.2687
Android (android.graphics.Color)	4290418887 (0xFFBA98C7)
YUV	167.5240, 15.5177, 16.2035
Hunter-Lab	60.8433, 16.1165, -14.8798

Details

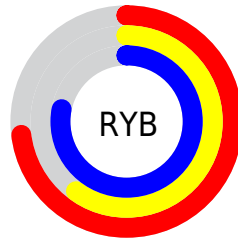
The XYZ color **41.7867, 37.0191, 58.9758** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.6093, 51.1141, 37.3805**, and the grayscale version is **36.9120, 38.8343, 42.2906**.

A 20% lighter version of the original color is **76.7393, 70.2399, 104.1208**, and **19.2802, 16.2572, 28.9098** is the 20% darker color. If you saturate the color by 10%, you get **37.5126, 30.4174, 57.9274**, and if you desaturate by 10%, it is **46.6565, 44.7343, 60.2089**.

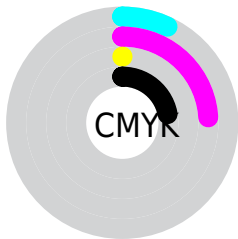
Distribution



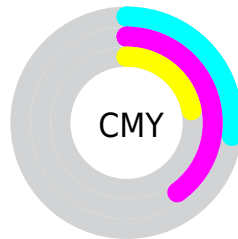
- Red (73%)
- Green (60%)
- Blue (78%)



- Red (73%)
- Yellow (60%)
- Blue (78%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7867, 37.0191, 58.9758 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 41.7867, 37.0191, 58.9758 by changing the saturation by 10% instead.

■ 41.7867, 37.0191,
58.9758

■ 41.7867, 37.0191,
58.9758

344.6047,
333.3932, 438.5116

■ 29.1247, 25.2223,
42.1738

■ 77.1439, 70.6022,
104.8713

■ 19.3199, 16.2427,
28.9108

■ 100.5698, 93.1572,
134.8018

■ 12.0070, 9.6961,
18.7683

128.3143,
120.0671, 169.9455

■ 6.8207, 5.1979,
11.3279

160.7429,
151.7162, 210.7210

■ 3.3956, 2.3639,
6.1709

198.2209,
188.4890, 257.5468

■ 1.3662, 0.8072,
2.8788

241.1136,

■ 0.2320, 0.0000,

230.7698, 310.8415

1.0331

289.7864,
278.9431, 371.0236

■ 0.0000, 0.0000,
0.0000

■ 41.7867, 37.0191,
58.9758

■ 41.7867, 37.0191,
58.9758

■ 37.5126, 30.4174,
57.9274

■ 46.6565, 44.7343,
60.2089

■ 33.8031, 24.8701,
57.0521

■ 52.1443, 53.6087,
61.6326

■ 30.6295, 20.3197,
56.3411

■ 58.2752, 63.6914,
63.2556

■ 27.9589, 16.7014,
55.7835

■ 65.0722, 75.0271,
65.0854

■ 25.7545, 13.9425,
55.3671

■ 72.5567, 87.6582,
67.1289

■ 23.9739, 11.9592,
55.0782

■ 75.2908, 90.7080,
67.5735

■ 22.5662, 10.6505,
54.8997

■ 76.9747, 91.5761,
67.6523

■ 21.8029, 10.0489,
54.8239

■ 78.7139, 92.4727,
67.7337

■ 80.5089, 93.3981,
67.8177

Harmonies

Analogous

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



37.7839, 37.0191, 68.0746



41.7867, 37.0191, 58.9758



44.0948, 37.0191, 45.7872

Triad

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



41.7867, 37.0191, 58.9758



37.0502, 37.0191, 20.9998



27.7259, 37.0191, 48.0182

Complementary

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



41.7867, 37.0191, 58.9758



41.6093, 51.1141, 37.3805

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.



27.5653, 37.0191, 35.2835



41.7867, 37.0191, 58.9758



32.7092, 37.0191, 21.3517

Square

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



41.7867, 37.0191, 58.9758



41.2112, 37.0191, 24.9754



29.3190, 37.0191, 26.0639



29.7779, 37.0191, 60.8992

Rectangle

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



41.7867, 37.0191, 58.9758



44.2454, 37.0191, 37.2417



29.3190, 37.0191, 26.0639



27.4555, 37.0191, 43.5371

Sweetspot

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



41.7879, 37.0207, 58.9766



87.8244, 88.2108, 107.0053



36.7715, 37.8252, 59.3963



18.6703, 18.6738, 22.8703



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.7879, 37.0207, 58.9766



69.4512, 59.0398, 102.3431



43.9479, 38.2663, 53.1106



10.7860, 10.6635, 13.4073



14.1079, 6.5071, 35.2568



0.7354, 0.3429, 1.6726

Inverse Universe

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



41.5742, 37.3168, 40.6108



69.1187, 59.7035, 64.5996



39.9115, 50.1383, 41.8437



10.7524, 10.6844, 11.6795



15.6216, 7.9982, 3.2174



0.7712, 0.3913, 0.3185

Previews

White Background



This preview shows how the XYZ color 41.7867, 37.0191, 58.9758 looks on a white background.

Color Contrast Check

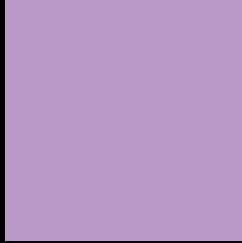
Large Text (above 18pt) WCAG AA × Fail

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 41.7867, 37.0191, 58.9758 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 41.7867, 37.0191, 58.9758

Background



This preview shows how black text looks on a background with the XYZ color 41.7867, 37.0191, 58.9758.



This preview shows how white text looks on a background with the XYZ color 41.7867, 37.0191,

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

41.7867, 37.0191, 58.9758

Protanopia

37.1978, 37.0692, 63.5871

Deuteranopia

37.7531, 36.9594, 57.9674



Tritanopia

38.6041, 36.9613, 43.1298

Trichromacy



Original Color

41.7867, 37.0191, 58.9758

Protanomaly

38.5234, 36.7648, 61.5658

Deuteranomaly

39.0446, 36.8491, 58.4808

Tritanomaly

39.5903, 36.8462, 48.7414

Monochromacy



Original Color

41.7867, 37.0191, 58.9758

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.7362, 38.2093, 47.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7867, 37.0191, 58.9758 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(186, 152, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 199)  
}
```

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(186, 152, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.7867, 37.0191, 58.9758 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(186, 152, 199) }
```


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

```
.border{ border-color:rgb(186, 152, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7867, 37.0191, 58.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 199) }
```

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

```
.background{ background-color: rgb(186,  
152, 199) }
```

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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