

Converting Colors

XYZ(47.8341, 39.0629, 52.0546)

Have a look what the booklet for
XYZ(47.8341, 39.0629, 52.0546)
contains.

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Color

**XYZ(47.7223, 39.0542,
52.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	D893BB
RGB	216, 147, 187
RGB Percent	85%, 58%, 73%
CMY	0.1529, 0.4235, 0.2667
CMYK	0.00, 0.32, 0.13, 0.15
HSL	325°, 47%, 71%
HSV	325°, 32%, 85%
XYZ	47.7223, 39.0542, 52.0367
YIQ	172.1910, 28.2840, 27.0680

Conversions

Conversions Part 2

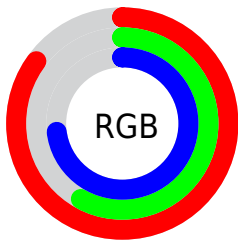
Format	Color
R_{YB}	216, 147, 187
Decimal	14193595
CIE _{Lab}	68.79, 31.93, -10.18
CIE _{LCh}	69, 33.509, 342.320
Yxy	39.0542, 0.3438, 0.2813
Android (android.graphics.Color)	4292383675 (0xFFD893BB)
YUV	172.1910, 7.3008, 38.4205
Hunter-Lab	62.4934, 26.9460, -5.6240

Details

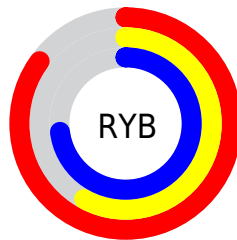
The XYZ color **47.7223, 39.0542, 52.0367** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.4266, 58.4506, 50.0175**, and the grayscale version is **39.2645, 41.3093, 44.9858**.

A 20% lighter version of the original color is **78.5382, 69.9721, 94.1606**, and **22.8925, 17.3792, 24.7022** is the 20% darker color. If you saturate the color by 10%, you get **43.7323, 32.5803, 46.0622**, and if you desaturate by 10%, it is **52.4067, 46.8175, 58.5467**.

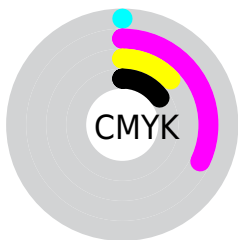
Distribution



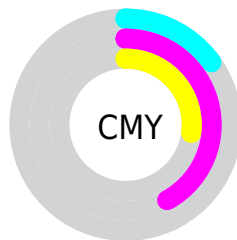
- Red (85%)
- Green (58%)
- Blue (73%)



- Red (85%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (13%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7223, 39.0542, 52.0367 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 47.7223, 39.0542, 52.0367 by changing the saturation by 10% instead.


 47.7223, 39.0542,
52.0367


 47.7223, 39.0542,
52.0367


368.2913,
342.1209, 411.5393

 33.8174, 26.8019,
36.6519


 86.0030, 73.7211,
94.6125

 22.9155, 17.4245,
24.6444


 111.1095, 96.9045,
122.6406

 14.6515, 10.5376,
15.5957


140.6805,
124.5004, 155.7201

 8.6599, 5.7568,
9.0873

175.0814,
156.8931, 194.2697

 4.5753, 2.6978,
4.7006

214.6776,
194.4672, 238.7079

 2.0325, 0.9761,
2.0170

259.8344,

 0.6521, 0.0000,

237.6069, 289.4532

0.5657

310.9172,
286.6966, 346.9241

■ 0.0000, 0.0000,
0.0000

■ 47.7223, 39.0542,
52.0367

■ 47.7223, 39.0542,
52.0367

■ 43.7323, 32.5803,
46.0622

■ 52.4067, 46.8175,
58.5467

■ 40.3966, 27.3192,
40.6030

■ 57.8158, 55.9304,
65.6065

■ 37.6765, 23.1944,
35.6409


■ 63.9820, 66.4560,
73.2326


■ 35.5273, 20.1187,
31.1552


■ 70.9350, 78.4515,
81.4399


■ 33.8979, 17.9916,
27.1227


■ 78.7009, 91.9678,
90.2422

 32.7271, 16.6931,
23.5168

 80.0273, 92.4983,
97.2269

 32.0345, 16.0852,
20.8896

 81.4214, 93.0560,
104.5680

 82.1292, 93.3391,
108.2953

Harmonies

Analogous

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



44.4271, 39.0542, 68.0157



47.7223, 39.0542, 52.0367



48.0151, 39.0542, 36.5845

Triad

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



47.7223, 39.0542, 52.0367



34.9837, 39.0542, 19.8754



30.0707, 39.0542, 65.4050

Complementary

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



47.7223, 39.0542, 52.0367



44.4266, 58.4506, 50.0175

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.



28.0116, 39.0542, 49.0726



47.7223, 39.0542, 52.0367



30.6613, 39.0542, 24.3598

Square

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



47.7223, 39.0542, 52.0367



40.3079, 39.0542, 20.3048



28.2170, 39.0542, 34.2465



34.1045, 39.0542, 76.9107

Rectangle

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



47.7223, 39.0542, 52.0367



46.4341, 39.0542, 28.7274



28.2170, 39.0542, 34.2465



29.1427, 39.0542, 60.1511

Sweetspot

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



47.7235, 39.0560, 52.0375



85.7699, 84.1245, 97.5297



40.6781, 35.0283, 69.5836



18.0988, 17.5652, 20.5479



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.



47.7235, 39.0560, 52.0375



65.6562, 50.6168, 70.1098



44.4832, 37.7599, 34.9747



12.7220, 12.5403, 14.4765



19.0159, 9.5427, 12.6539



1.1879, 0.5919, 0.9787

Inverse Universe

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



47.7235, 39.0560, 52.0375



65.6562, 50.6168, 70.1098



48.2539, 59.9815, 70.1714



12.7220, 12.5403, 14.4765



19.0159, 9.5427, 12.6539



1.1879, 0.5919, 0.9787

Previews

White Background



This preview shows how the XYZ color 47.7223, 39.0542, 52.0367 looks on a white background.

Color Contrast Check

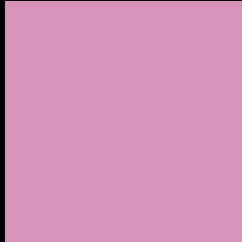
Large Text (above 18pt) WCAG AA × Fail

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 47.7223, 39.0542, 52.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

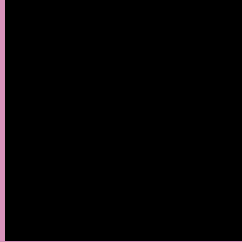
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.7223, 39.0542, 52.0367

Background



This preview shows how black text looks on a background with the XYZ color 47.7223, 39.0542, 52.0367.



This preview shows how white text looks on a background with the XYZ color 47.7223, 39.0542,

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

47.7223, 39.0542, 52.0367

Protanopia

38.9420, 39.3846, 60.1931

Deuteranopia

40.0587, 39.3587, 50.8331



Tritanopia

45.1180, 38.9237, 39.7854

Trichromacy



Original Color

47.7223, 39.0542, 52.0367

Protanomaly

41.4772, 38.9055, 56.9532

Deuteranomaly

42.4697, 39.0329, 51.1946

Tritanomaly

46.0843, 39.0874, 44.1454

Monochromacy



Original Color

47.7223, 39.0542, 52.0367

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.7720, 40.0601, 47.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7223, 39.0542, 52.0367 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(216, 147, 187)` looks like.

```
.text, #text, p{  
    color:rgb(216, 147, 187)  
}
```

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(216, 147, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 147, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.7223, 39.0542, 52.0367 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(216, 147, 187) }
```


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

```
.border{ border-color:rgb(216, 147, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 147, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 147, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 147, 187);  
box-shadow:4px 4px 4px 4px rgb(216, 147,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7223, 39.0542, 52.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 147, 187) }
```

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

```
.background{ background-color: rgb(216,  
147, 187) }
```

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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