

Converting Colors

XYZ(49.4404, 39.8764, 67.1472)

Have a look what the booklet for
XYZ(49.4404, 39.8764, 67.1472)
contains.

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Color

**XYZ(49.3375, 39.7822,
67.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	D394D4
RGB	211, 148, 212
RGB Percent	83%, 58%, 83%
CMY	0.1725, 0.4196, 0.1686
CMYK	0.00, 0.30, 0.00, 0.17
HSL	299°, 43%, 71%
HSV	299°, 30%, 83%
XYZ	49.3375, 39.7822, 67.3657
YIQ	174.1330, 17.0040, 33.2600

Conversions

Conversions Part 2

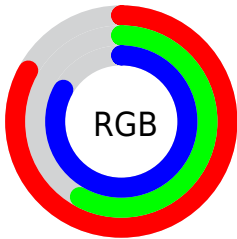
Format	Color
RYB	211, 148, 212
Decimal	13866196
CIELab	69.31, 34.10, -23.33
CIELCh	69, 41.319, 325.627
Yxy	39.7822, 0.3153, 0.2542
Android (android.graphics.Color)	4292056276 (0xFFD394D4)
YUV	174.1330, 18.6684, 32.3324
Hunter-Lab	63.0731, 29.2495, -19.1739

Details

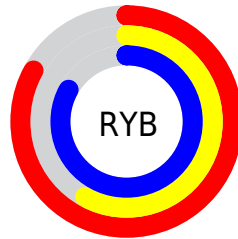
The XYZ color **49.3375, 39.7822, 67.3657** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2847, 55.6157, 36.5780**, and the grayscale version is **40.2025, 42.2962, 46.0606**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **23.7862, 17.7686, 34.0743** is the 20% darker color. If you saturate the color by 10%, you get **46.2175, 33.6821, 66.3533**, and if you desaturate by 10%, it is **53.0692, 47.1038, 68.5828**.

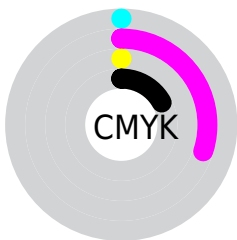
Distribution



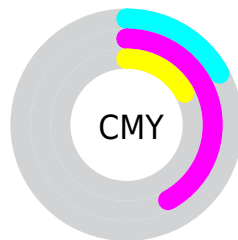
- Red (83%)
- Green (58%)
- Blue (83%)



- Red (83%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3375, 39.7822, 67.3657 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 49.3375, 39.7822, 67.3657 by changing the saturation by 10% instead.


 49.3375, 39.7822,
67.3657


 49.3375, 39.7822,
67.3657


374.5644,
345.2047, 469.7823

 35.1029, 27.3688,
48.9184


 88.3902, 74.8317,
117.0899

 23.9091, 17.8504,
34.1896


 113.9391, 98.2366,
149.2039

 15.3905, 10.8426,
22.7608


143.9901,
126.0742, 186.7105

 9.1820, 5.9611,
14.2133

178.9085,
158.7287, 230.0283

 4.9182, 2.8214,
8.1287

219.0598,
196.5846, 279.5759

 2.2336, 1.0392,
4.0885

264.8094,

 0.7604, 0.0000,

240.0263, 335.7717

1.6740

316.5224,
289.4382, 399.0343

■ 0.0000, 0.0000,
0.3428

■ 0.0000, 0.0000,
0.0000

■ 49.3375, 39.7822,
67.3657

■ 49.3375, 39.7822,
67.3657

■ 46.2175, 33.6821,
66.3533

■ 53.0692, 47.1038,
68.5828

■ 43.6721, 28.7317,
65.5319

■ 57.4396, 55.7033,
70.0123

■ 41.6661, 24.8599,
64.8903

■ 62.4785, 65.6396,
71.6647

■ 40.1590, 21.9854,
64.4149

■ 68.2130, 76.9667,
73.5488

39.1042, 20.0155,
64.0903

74.6685, 89.7355,
75.6731

38.4469, 18.8401,
63.8980

75.0809, 90.4179,
75.7831

38.0904, 18.2635,
63.8055

75.1771, 90.4674,
75.7876

75.2734, 90.5171,
75.7921

75.3700, 90.5669,
75.7967

Harmonies

Analogous

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



43.5966, 39.7822, 85.2669



49.3375, 39.7822, 67.3657



51.9972, 39.7822, 46.1595

Triad

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



49.3375, 39.7822, 67.3657



38.7920, 39.7822, 16.1621



27.4449, 39.7822, 61.0994

Complementary

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



49.3375, 39.7822, 67.3657



41.2847, 55.6157, 36.5780

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.



26.4739, 39.7822, 40.5919



49.3375, 39.7822, 67.3657



32.5628, 39.7822, 18.0361

Square

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



49.3375, 39.7822, 67.3657



45.4738, 39.7822, 19.6331



28.2373, 39.7822, 25.8030



31.0627, 39.7822, 80.9694

Rectangle

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



49.3375, 39.7822, 67.3657



51.4623, 39.7822, 34.2086



28.2373, 39.7822, 25.8030



26.8176, 39.7822, 53.9115

Sweetspot

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



49.3388, 39.7839, 67.3665



88.0289, 86.1534, 106.5974



34.8562, 32.5674, 66.7369



18.6160, 17.9955, 22.7423



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.



49.3388, 39.7839, 67.3665



71.8971, 54.4745, 101.3330



46.0899, 38.5176, 48.7589



12.9330, 12.6224, 15.6922



23.5234, 11.2793, 39.3905



1.4251, 0.6835, 2.3761

Inverse Universe

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



43.1675, 37.3486, 33.3696



61.1310, 50.2288, 41.8961



43.8876, 56.6359, 51.2328



12.4311, 12.4239, 12.9442



16.7765, 8.6469, 0.8614



1.0147, 0.5227, 0.0669

Previews

White Background



This preview shows how the XYZ color 49.3375, 39.7822, 67.3657 looks on a white background.

Color Contrast Check

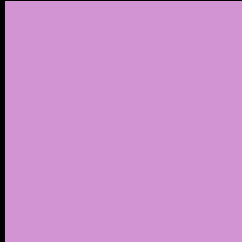
Large Text (above 18pt) WCAG AA × Fail

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 49.3375, 39.7822, 67.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

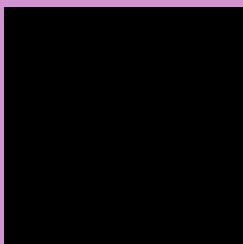
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3375, 39.7822, 67.3657

Background



This preview shows how black text looks on a background with the XYZ color 49.3375, 39.7822, 67.3657.



This preview shows how white text looks on a background with the XYZ color 49.3375, 39.7822,

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

49.3375, 39.7822, 67.3657

Protanopia

40.6831, 39.9007, 77.5089

Deuteranopia

40.8707, 39.9829, 65.8849



Tritanopia

44.2267, 39.6206, 42.8527

Trichromacy



Original Color

49.3375, 39.7822, 67.3657



Protanomaly

43.0775, 39.3607, 73.7336



Deuteranomaly

43.3224, 39.3945, 66.2933



Tritanomaly

45.8803, 39.5506, 51.1148

Monochromacy



Original Color

49.3375, 39.7822, 67.3657



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.0258, 41.1059, 53.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3375, 39.7822, 67.3657 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(211, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 212)  
}
```

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(211, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 212) }
```

Border

The CSS property to change the border of an element to XYZ 49.3375, 39.7822, 67.3657 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(211, 148, 212) }
```


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

```
.border{ border-color:rgb(211, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 148, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 148, 212); box-shadow:4px 4px 4px 4px rgb(211, 148, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3375, 39.7822, 67.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 212) }
```

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

```
.background{ background-color: rgb(211,  
148, 212) }
```

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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