

Converting Colors

XYZ(47.0312, 39.7651, 61.0976)

Have a look what the booklet for
XYZ(47.0312, 39.7651, 61.0976)
contains.

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Color

**XYZ(47.0657, 39.6999,
61.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	CD98CA
RGB	205, 152, 202
RGB Percent	80%, 60%, 79%
CMY	0.1961, 0.4039, 0.2078
CMYK	0.00, 0.26, 0.01, 0.20
HSL	303°, 35%, 70%
HSV	303°, 26%, 80%
XYZ	47.0657, 39.6999, 61.0593
YIQ	173.5470, 15.5380, 26.7860

Conversions

Conversions Part 2

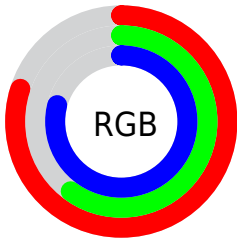
Format	Color
R_{YB}	205, 152, 202
Decimal	13473994
CIE _{Lab}	69.26, 28.09, -17.94
CIE _{LCh}	69, 33.330, 327.443
Yxy	39.6999, 0.3184, 0.2686
Android (android.graphics.Color)	4291664074 (0xFFCD98CA)
YUV	173.5470, 14.0273, 27.5843
Hunter-Lab	63.0079, 23.0724, -13.3509

Details

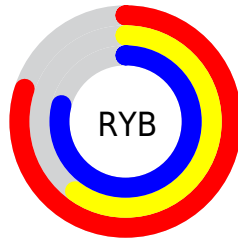
The XYZ color **47.0657, 39.6999, 61.0593** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.6982, 52.7057, 39.0408**, and the grayscale version is **39.9258, 42.0051, 45.7435**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **22.4801, 17.7365, 30.2556** is the 20% darker color. If you saturate the color by 10%, you get **43.8852, 33.5573, 59.3241**, and if you desaturate by 10%, it is **50.8247, 46.9964, 62.9933**.

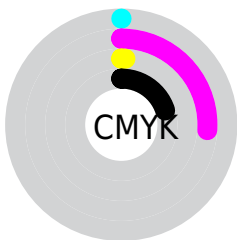
Distribution



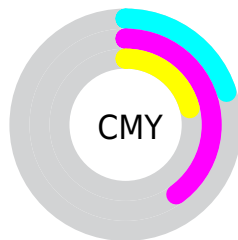
- Red (80%)
- Green (60%)
- Blue (79%)



- Red (80%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0657, 39.6999, 61.0593 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 47.0657, 39.6999, 61.0593 by changing the saturation by 10% instead.


 47.0657, 39.6999,
61.0593


 47.0657, 39.6999,
61.0593


365.7212,
344.8571, 446.4040

 33.2958, 27.3046,
43.8422

 85.0298, 74.7063,
107.9232

 22.5134, 17.8021,
30.2102

 109.9547, 98.0863,
138.4070

 14.3534, 10.8080,
19.7448


139.3287,
125.8966, 174.1501

 8.4502, 5.9379,
12.0274

173.5170,
158.5216, 215.5710

 4.4385, 2.8074,
6.6396

212.8850,
196.3458, 263.0883

 1.9531, 1.0320,
3.1627

257.7982,

 0.6074, 0.0000,

239.7535, 317.1206

1.1783

308.6218,
289.1291, 378.0863

■ 0.0000, 0.0000,
0.0000

■ 47.0657, 39.6999,
61.0593

■ 47.0657, 39.6999,
61.0593

■ 43.8852, 33.5573,
59.3241

■ 50.8247, 46.9964,
62.9933

■ 41.2500, 28.5044,
57.7754

■ 55.1860, 55.4966,
65.1327

■ 39.1291, 24.4782,
56.4031

■ 60.1764, 65.2534,
67.4870

■ 37.4868, 21.4078,
55.1955

■ 65.8203, 76.3155,
70.0642

■ 36.2830, 19.2129,
54.1391

■ 72.1405, 88.7285,
72.8720

■ 35.4712, 17.8001,
53.2183

■ 72.4413, 89.1010,
73.6784

■ 34.9932, 17.0534,
52.4139

■ 72.5855, 89.1586,
74.4379

■ 34.8470, 16.8472,
52.0990

■ 72.7308, 89.2167,
75.2028

■ 72.8771, 89.2753,
75.9733

Harmonies

Analogous

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



42.6659, 39.6999, 74.9253



47.0657, 39.6999, 61.0593



48.9479, 39.6999, 44.5515

Triad

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



47.0657, 39.6999, 61.0593



38.1934, 39.6999, 20.0030



29.3355, 39.6999, 58.2434

Complementary

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



47.0657, 39.6999, 61.0593



40.6982, 52.7057, 39.0408

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.



28.3779, 39.6999, 41.9279



47.0657, 39.6999, 61.0593



33.1968, 39.6999, 22.0300

Square

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



47.0657, 39.6999, 61.0593



43.5327, 39.6999, 22.8776



29.7245, 39.6999, 29.2552



32.4737, 39.6999, 73.0484

Rectangle

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



47.0657, 39.6999, 61.0593



48.4006, 39.6999, 34.9978



29.7245, 39.6999, 29.2552



28.7617, 39.6999, 52.6533

Sweetspot

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



47.0669, 39.7016, 61.0601



88.6985, 87.5937, 105.8683



35.7000, 33.8003, 62.4008



18.7456, 18.2816, 22.5437



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.



47.0669, 39.7016, 61.0601



74.0933, 59.2262, 98.4013



44.2281, 38.5661, 46.1111



11.6591, 11.3924, 14.0052



21.7054, 10.4927, 32.4969



1.1283, 0.5447, 1.7215

Inverse Universe

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



47.0669, 39.7016, 61.0601



74.0933, 59.2262, 98.4013



43.1376, 53.6815, 51.8863



11.6591, 11.3924, 14.0052



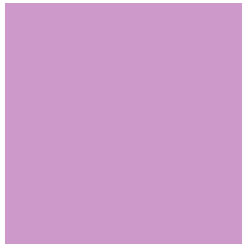
21.7054, 10.4927, 32.4969



1.1283, 0.5447, 1.7215

Previews

White Background



This preview shows how the XYZ color 47.0657, 39.6999, 61.0593 looks on a white background.

Color Contrast Check

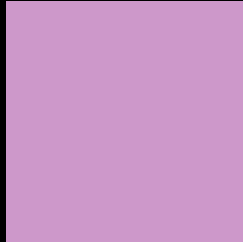
Large Text (above 18pt) WCAG AA × Fail

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 47.0657, 39.6999, 61.0593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

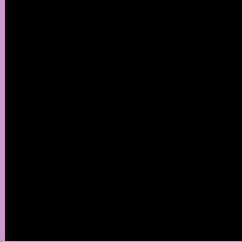
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0657, 39.6999, 61.0593

Background



This preview shows how black text looks on a background with the XYZ color 47.0657, 39.6999, 61.0593.



This preview shows how white text looks on a background with the XYZ color 47.0657, 39.6999,

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

47.0657, 39.6999, 61.0593

Protanopia

40.1134, 40.0785, 68.5725

Deuteranopia

40.5585, 39.6917, 59.5564



Tritanopia

43.5700, 39.7735, 43.4109

Trichromacy



Original Color

47.0657, 39.6999, 61.0593

Protanomaly

42.1082, 39.5581, 65.7377

Deuteranomaly

42.5246, 39.3790, 60.0032

Tritanomaly

44.6891, 39.7109, 49.5656

Monochromacy



Original Color

47.0657, 39.6999, 61.0593

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.2955, 41.0474, 51.0411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0657, 39.6999, 61.0593 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(205, 152, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 202)  
}
```

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(205, 152, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 202) }
```

Border

The CSS property to change the border of an element to XYZ 47.0657, 39.6999, 61.0593 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(205, 152, 202) }
```


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

```
.border{ border-color:rgb(205, 152, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 152, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0657, 39.6999, 61.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 202) }
```

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

```
.background{ background-color: rgb(205,  
152, 202) }
```

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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