

Converting Colors

XYZ(46.8978, 39.9957, 43.7762)

Have a look what the booklet for
XYZ(46.8978, 39.9957, 43.7762)
contains.

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Color

**XYZ(46.8978, 39.9957,
43.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	D898AB
RGB	216, 152, 171
RGB Percent	85%, 60%, 67%
CMY	0.1529, 0.4039, 0.3294
CMYK	0.00, 0.30, 0.21, 0.15
HSL	342°, 45%, 72%
HSV	342°, 30%, 85%
XYZ	46.8978, 39.9957, 43.7762
YIQ	173.3020, 32.0450, 19.4770

Conversions

Conversions Part 2

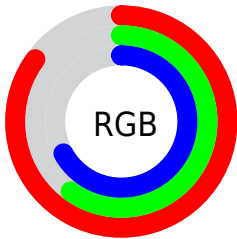
Format	Color
RYB	216, 152, 171
Decimal	14194859
CIELab	69.47, 26.71, -0.26
CIELCh	69, 26.712, 359.450
Yxy	39.9957, 0.3589, 0.3061
Android (android.graphics.Color)	4292384939 (0xFFD898AB)
YUV	173.3020, -1.1349, 37.4461
Hunter-Lab	63.2422, 21.6945, 3.2290

Details

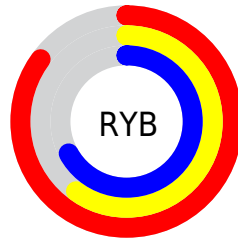
The XYZ color **46.8978, 39.9957, 43.7762** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5845, 59.8193, 61.8646**, and the grayscale version is **39.8697, 41.9461, 45.6793**.

A 20% lighter version of the original color is **77.2803, 71.3766, 81.6555**, and **22.3841, 17.9198, 19.7319** is the 20% darker color. If you saturate the color by 10%, you get **42.3406, 33.0663, 35.5201**, and if you desaturate by 10%, it is **52.2621, 48.2721, 53.1230**.

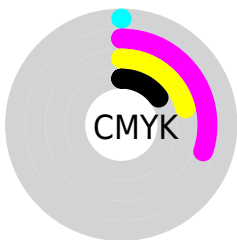
Distribution



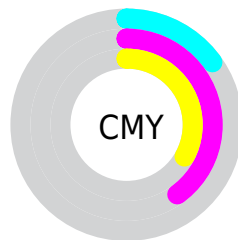
- Red (85%)
- Green (60%)
- Blue (67%)



- Red (85%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8978, 39.9957, 43.7762 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 46.8978, 39.9957, 43.7762 by changing the saturation by 10% instead.


 46.8978, 39.9957,
43.7762


 46.8978, 39.9957,
43.7762

365.0622,
346.1054, 377.8088

 33.1625, 27.5352,
30.1587


 84.7807, 75.1570,
82.1798

 22.4108, 17.9756,
19.7060


 109.6590, 98.6265,
107.8029

 14.2773, 10.9325,
11.9996


138.9824,
126.5345, 138.2650

 8.3968, 6.0214,
6.6208

173.1161,
159.2654, 173.9846

 4.4038, 2.8581,
3.1513

212.4256,
197.2035, 215.3802

 1.9330, 1.0581,
1.1724

257.2762,

 0.5959, 0.0000,

240.7333, 262.8705

0.0000

308.0333,
290.2392, 316.8738

■ 0.0000, 0.0000,
0.0000

■ 46.8978, 39.9957,
43.7762

■ 46.8978, 39.9957,
43.7762

■ 42.3406, 33.0663,
35.5201

■ 52.2621, 48.2721,
53.1230

■ 38.5467, 27.4067,
28.3112

■ 58.4674, 57.9563,
63.5969

■ 35.4734, 22.9405,
22.1065

■ 65.5499, 69.1118,
75.2355

■ 33.0722, 19.5806,
16.8587

■ 73.5425, 81.7968,
88.0740

■ 31.2881, 17.2280,
12.5166

■ 80.8588, 92.8309,
101.6066

■ 30.0569, 15.7657,
9.0231

■ 82.1290, 93.3390,
108.2953

■ 29.2727, 14.9944,
6.3041

■ 29.2477, 14.9705,
6.2157

Harmonies

Analogous

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



45.5902, 39.9957, 56.7295



46.8978, 39.9957, 43.7762



45.6798, 39.9957, 32.9114

Triad

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



46.8978, 39.9957, 43.7762



34.0922, 39.9957, 26.0098



33.9645, 39.9957, 67.2937

Complementary

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



46.8978, 39.9957, 43.7762



47.5845, 59.8193, 61.8646

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.



31.2589, 39.9957, 56.2613



46.8978, 39.9957, 43.7762



31.3287, 39.9957, 32.5858

Square

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



46.8978, 39.9957, 43.7762



38.0941, 39.9957, 23.9000



30.3308, 39.9957, 43.3216



37.9354, 39.9957, 71.7826

Rectangle

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



46.8978, 39.9957, 43.7762



43.6481, 39.9957, 27.9181



30.3308, 39.9957, 43.3216



32.8881, 39.9957, 64.1363

Sweetspot

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



46.8989, 39.9976, 43.7770



85.6703, 85.2252, 93.4895



46.5980, 39.2597, 70.0879



18.0339, 17.7665, 19.5058



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.



46.8989, 39.9976, 43.7770



63.7161, 51.2628, 55.5093



47.4069, 43.7060, 35.6456



12.5734, 12.4809, 13.6939



17.3532, 8.8776, 3.8978



1.0828, 0.5499, 0.4254

Inverse Universe

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



46.8989, 39.9976, 43.7770



63.7161, 51.2628, 55.5093



46.7482, 54.4409, 73.0103



12.5734, 12.4809, 13.6939



17.3532, 8.8776, 3.8978



1.0828, 0.5499, 0.4254

Previews

White Background



This preview shows how the XYZ color 46.8978, 39.9957, 43.7762 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 46.8978, 39.9957, 43.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

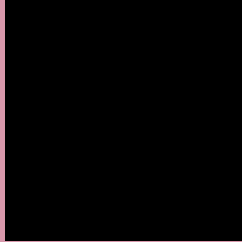
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8978, 39.9957, 43.7762

Background



This preview shows how black text looks on a background with the XYZ color 46.8978, 39.9957, 43.7762.



This preview shows how white text looks on a background with the XYZ color 46.8978, 39.9957,

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

46.8978, 39.9957, 43.7762

Protanopia

39.1060, 40.2582, 49.4256

Deuteranopia

41.1101, 40.3396, 43.1557



Tritanopia

46.2071, 39.9462, 40.8723

Trichromacy



Original Color

46.8978, 39.9957, 43.7762

Protanomaly

41.5265, 39.9335, 47.1142

Deuteranomaly

43.1152, 40.0497, 43.4881

Tritanomaly

46.3906, 40.0196, 41.8387

Monochromacy



Original Color

46.8978, 39.9957, 43.7762

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.8878, 40.7076, 44.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8978, 39.9957, 43.7762 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, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 171)  
}
```

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, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 171) }
```

Border

The CSS property to change the border of an element to XYZ 46.8978, 39.9957, 43.7762 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, 152, 171) }
```


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

```
.border{ border-color:rgb(216, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8978, 39.9957, 43.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 171) }
```

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

```
.background{ background-color: rgb(216,  
152, 171) }
```

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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