

Converting Colors

XYZ(44.1336, 39.5489, 48.2678)

Have a look what the booklet for
XYZ(44.1336, 39.5489, 48.2678)
contains.

XYZ(44.2141, 39.4897, 48.4720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.2141, 39.4897,
48.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CB4
RGB	201, 156, 180
RGB Percent	79%, 61%, 71%
CMY	0.2118, 0.3882, 0.2941
CMYK	0.00, 0.22, 0.10, 0.21
HSL	328°, 29%, 70%
HSV	328°, 22%, 79%
XYZ	44.2141, 39.4897, 48.4720
YIQ	172.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

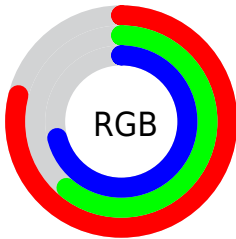
Format	Color
R _Y B	201, 156, 180
Decimal	13212852
CIE Lab	69.10, 20.59, -5.98
CIE LCh	69, 21.437, 343.801
Yxy	39.4897, 0.3345, 0.2988
Android (android.graphics.Color)	4291402932 (0xFFC99CB4)
YUV	172.1910, 3.8498, 25.2655
Hunter-Lab	62.8408, 15.6191, -1.7445

Details

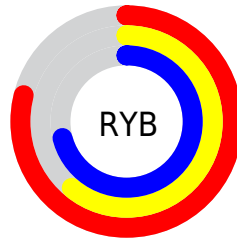
The XYZ color **44.2141, 39.4897, 48.4720** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5343, 52.0167, 49.3958**, and the grayscale version is **39.2846, 41.3305, 45.0089**.

A 20% lighter version of the original color is **79.6746, 73.9047, 89.4226**, and **20.6351, 17.5439, 22.3774** is the 20% darker color. If you saturate the color by 10%, you get **40.1929, 32.9249, 42.5754**, and if you desaturate by 10%, it is **48.8604, 47.2001, 54.8970**.

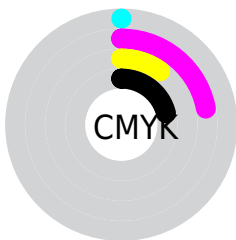
Distribution



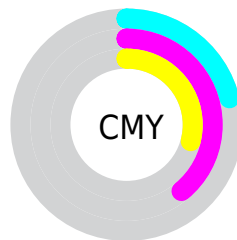
- Red (79%)
- Green (61%)
- Blue (71%)



- Red (79%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2141, 39.4897, 48.4720 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 44.2141, 39.4897, 48.4720 by changing the saturation by 10% instead.


 44.2141, 39.4897,
48.4720

 44.2141, 39.4897,
48.4720


354.4187,
343.9680, 397.2225

 31.0375, 27.1409,
33.8382


 80.7842, 74.3858,
89.2796

 20.7794, 17.6791,
22.4930


 104.9083, 97.7019,
116.2905

 13.0744, 10.7198,
14.0178


133.4124,
125.4426, 148.2641

 7.5571, 5.8788,
7.9941

166.6617,
157.9922, 185.6190

 3.8623, 2.7715,
4.0035

205.0217,
195.7351, 228.7738

 1.6245, 1.0136,
1.6273

248.8576,

 0.4083, 0.0000,

239.0558, 278.1469

0.3102

298.5348,
288.3387, 334.1570

■ 0.0000, 0.0000,
0.0000

■ 44.2141, 39.4897,
48.4720

■ 44.2141, 39.4897,
48.4720

■ 40.1929, 32.9249,
42.5754

■ 48.8604, 47.2001,
54.8970

■ 36.7647, 27.4451,
37.1888

■ 54.1551, 56.1025,
61.8630

■ 33.8995, 22.9919,
32.2964

■ 60.1246, 66.2469,
69.3851

■ 31.5634, 19.4995,
27.8800

■ 66.7926, 77.6791,
77.4769

■ 29.7183, 16.8943,
23.9202

■ 73.6997, 89.4784,
85.9909

■ 28.3208, 15.0917,
20.3953

■ 75.0295, 90.0104,
92.9939

■ 27.3192, 13.9905,
17.2805

■ 76.4311, 90.5710,
100.3742

■ 26.7517, 13.4833,
15.1559

■ 77.8977, 91.1576,
108.0973

Harmonies

Analogous

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



42.2751, 39.4897, 58.0838



44.2141, 39.4897, 48.4720



44.2936, 39.4897, 38.6567

Triad

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



44.2141, 39.4897, 48.4720



35.9858, 39.4897, 27.1700



32.9820, 39.4897, 57.4052

Complementary

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



44.2141, 39.4897, 48.4720



42.5343, 52.0167, 49.3958

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.



31.4993, 39.4897, 47.6518



44.2141, 39.4897, 48.4720



33.1609, 39.4897, 30.7798

Square

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



44.2141, 39.4897, 48.4720



39.3995, 39.4897, 27.3205



31.5627, 39.4897, 37.9517



35.7279, 39.4897, 63.7527

Rectangle

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



44.2141, 39.4897, 48.4720



43.2716, 39.4897, 33.3425



31.5627, 39.4897, 37.9517



32.3270, 39.4897, 54.3568

Sweetspot

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



44.2152, 39.4915, 48.4728



88.3051, 88.6103, 100.1777



40.5641, 37.3430, 60.3289



18.7822, 18.7667, 21.2859



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.



44.2152, 39.4915, 48.4728



72.1320, 61.7616, 77.8379



42.1059, 38.6477, 37.3651



10.8663, 10.7299, 12.2793



16.8669, 8.4963, 9.7751



0.8350, 0.4168, 0.6543

Inverse Universe

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



44.2152, 39.4915, 48.4728



72.1320, 61.7616, 77.8379



44.9652, 52.9890, 62.1964



10.8663, 10.7299, 12.2793



16.8669, 8.4963, 9.7751



0.8350, 0.4168, 0.6543

Previews

White Background



This preview shows how the XYZ color 44.2141, 39.4897, 48.4720 looks on a white background.

Color Contrast Check

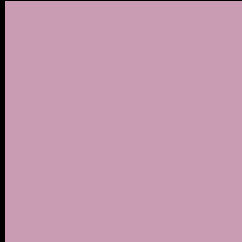
Large Text (above 18pt) WCAG AA × Fail

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 44.2141, 39.4897, 48.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

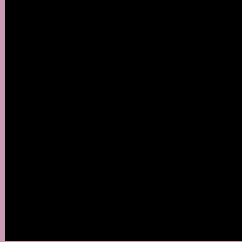
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2141, 39.4897, 48.4720

Background



This preview shows how black text looks on a background with the XYZ color 44.2141, 39.4897, 48.4720.



This preview shows how white text looks on a background with the XYZ color 44.2141, 39.4897,

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

44.2141, 39.4897, 48.4720

Protanopia

38.9086, 39.8086, 52.6468

Deuteranopia

40.3674, 39.5890, 47.6333



Tritanopia

43.3020, 39.6354, 43.3983

Trichromacy



Original Color

44.2141, 39.4897, 48.4720

Protanomaly

40.5176, 39.5953, 50.8546

Deuteranomaly

41.6206, 39.4358, 48.0660

Tritanomaly

43.5164, 39.4493, 45.3653

Monochromacy



Original Color

44.2141, 39.4897, 48.4720

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.9025, 40.4349, 46.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2141, 39.4897, 48.4720 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(201, 156, 180)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 180)  
}
```

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(201, 156, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.2141, 39.4897, 48.4720 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(201, 156, 180) }
```


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

```
.border{ border-color:rgb(201, 156, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 180);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2141, 39.4897, 48.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 180) }
```

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

```
.background{ background-color: rgb(201,  
156, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor