

Converting Colors

XYZ(43.7184, 39.0552, 45.2786)

Have a look what the booklet for
XYZ(43.7184, 39.0552, 45.2786)
contains.

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Color

**XYZ(43.7184, 39.0552,
45.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9BAE
RGB	202, 155, 174
RGB Percent	79%, 61%, 68%
CMY	0.2078, 0.3921, 0.3176
CMYK	0.00, 0.23, 0.14, 0.21
HSL	336°, 31%, 70%
HSV	336°, 23%, 79%
XYZ	43.7184, 39.0552, 45.2786
YIQ	171.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

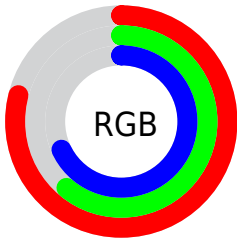
Format	Color
R _Y B	202, 155, 174
Decimal	13278126
CIE Lab	68.79, 20.48, -3.09
CIE LCh	69, 20.715, 351.421
Yxy	39.0552, 0.3414, 0.3050
Android (android.graphics.Color)	4291468206 (0xFFCA9BAE)
YUV	171.2190, 1.3710, 26.9949
Hunter-Lab	62.4942, 15.5066, 0.7888

Details

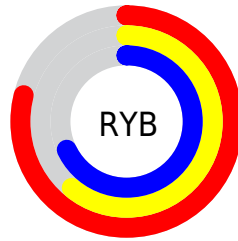
The XYZ color **43.7184, 39.0552, 45.2786** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1869, 52.6295, 52.6844**, and the grayscale version is **38.8052, 40.8261, 44.4596**.

A 20% lighter version of the original color is **78.4295, 73.0103, 84.0875**, and **20.3957, 17.3087, 20.6783** is the 20% darker color. If you saturate the color by 10%, you get **39.5126, 32.4376, 38.3452**, and if you desaturate by 10%, it is **48.5939, 46.8431, 52.9549**.

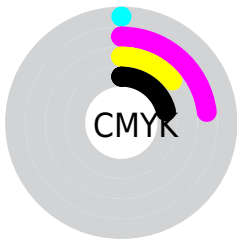
Distribution



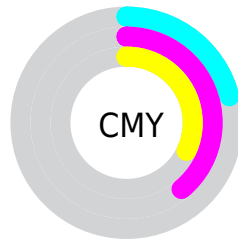
- Red (79%)
- Green (61%)
- Blue (68%)



- Red (79%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (21%)



- Cyan (21%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7184, 39.0552, 45.2786 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 43.7184, 39.0552, 45.2786 by changing the saturation by 10% instead.


 43.7184, 39.0552,
45.2786


 43.7184, 39.0552,
45.2786


352.4296,
342.1251, 384.0937

 30.6461, 26.8027,
31.3324


 80.0428, 73.7226,
84.4612

 20.4800, 17.4251,
20.5915


 104.0257, 96.9063,
110.5347

 12.8548, 10.5380,
12.6374


132.3761,
124.5026, 141.4876

 7.4049, 5.7571,
7.0516

165.4595,
156.8957, 177.7386

 3.7652, 2.6980,
3.4154

203.6412,
194.4701, 219.7062

 1.5702, 0.9762,
1.3105

247.2865,

 0.3728, 0.0000,

237.6102, 267.8088

0.0703

296.7609,
286.7004, 322.4652

■ 0.0000, 0.0000,
0.0000

■ 43.7184, 39.0552,
45.2786

■ 43.7184, 39.0552,
45.2786

■ 39.5126, 32.4376,
38.3452

■ 48.5939, 46.8431,
52.9549

■ 35.9425, 26.9279,
32.1283

■ 54.1645, 55.8491,
61.3942

■ 32.9760, 22.4662,
26.6037

■ 60.4581, 66.1246,
70.6188

■ 30.5767, 18.9843,
21.7445

■ 67.5004, 77.7168,
80.6495

■ 28.7040, 16.4063,
17.5216

■ 74.9939, 90.0273,
91.3988

■ 27.3117, 14.6447,
13.9034

■ 76.7842, 90.7434,
100.8268

■ 26.3442, 13.5942,
10.8540

■ 78.1673, 91.2966,
108.1099

■ 25.8670, 13.1605,
9.0901

Harmonies

Analogous

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



42.2770, 39.0552, 54.8226



43.7184, 39.0552, 45.2786



43.3122, 39.0552, 36.2584

Triad

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



43.7184, 39.0552, 45.2786



34.8630, 39.0552, 27.8185



33.3222, 39.0552, 58.2791

Complementary

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



43.7184, 39.0552, 45.2786



43.1869, 52.6295, 52.6844

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.



31.5495, 39.0552, 49.4739



43.7184, 39.0552, 45.2786



32.4019, 39.0552, 32.2185

Square

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



43.7184, 39.0552, 45.2786



38.0704, 39.0552, 27.0374



31.2228, 39.0552, 39.8844



36.1871, 39.0552, 63.0204

Rectangle

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



43.7184, 39.0552, 45.2786



42.0580, 39.0552, 31.6513



31.2228, 39.0552, 39.8844



32.5860, 39.0552, 55.6399

Sweetspot

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



43.7195, 39.0570, 45.2794



87.9523, 88.4691, 98.3196



41.7734, 37.7048, 60.9535



18.7006, 18.7340, 20.8558



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.



43.7195, 39.0570, 45.2794



70.2394, 60.1518, 70.5009



42.6587, 39.6925, 36.4255



11.3971, 11.2876, 12.6258



16.6866, 8.4852, 6.0682



0.8981, 0.4527, 0.5094

Inverse Universe

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



43.7195, 39.0570, 45.2794



70.2394, 60.1518, 70.5009



44.3926, 51.6600, 63.5091



11.3971, 11.2876, 12.6258



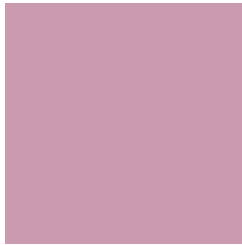
16.6866, 8.4852, 6.0682



0.8981, 0.4527, 0.5094

Previews

White Background



This preview shows how the XYZ color 43.7184, 39.0552, 45.2786 looks on a white background.

Color Contrast Check

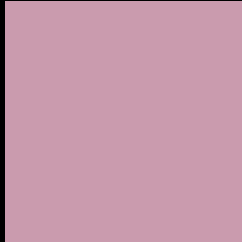
Large Text (above 18pt) WCAG AA × Fail

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 43.7184, 39.0552, 45.2786 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 43.7184, 39.0552, 45.2786

Background



This preview shows how black text looks on a background with the XYZ color 43.7184, 39.0552, 45.2786.



This preview shows how white text looks on a background with the XYZ color 43.7184, 39.0552,

45.2786.

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

43.7184, 39.0552, 45.2786

Protanopia

38.0956, 39.1891, 49.2725

Deuteranopia

39.9314, 39.1566, 44.9885



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

43.7184, 39.0552, 45.2786

Protanomaly

39.9555, 39.1120, 47.5630

Deuteranomaly

41.0999, 38.9776, 44.8924

Tritanomaly

43.2316, 39.0967, 43.2981

Monochromacy



Original Color

43.7184, 39.0552, 45.2786

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.1929, 39.8339, 44.6000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7184, 39.0552, 45.2786 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(202, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 174)  
}
```

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(202, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 174) }
```

Border

The CSS property to change the border of an element to XYZ 43.7184, 39.0552, 45.2786 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(202, 155, 174) }
```


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

```
.border{ border-color:rgb(202, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7184, 39.0552, 45.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 174) }
```

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

```
.background{ background-color: rgb(202,  
155, 174) }
```

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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