

Converting Colors

XYZ(45.3505, 43.1064, 44.1190)

Have a look what the booklet for
XYZ(45.3505, 43.1064, 44.1190)
contains.

XYZ(45.1618, 42.9572, 43.9415)	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(45.1618, 42.9572,
43.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A7AA
RGB	201, 167, 170
RGB Percent	79%, 65%, 67%
CMY	0.2118, 0.3451, 0.3333
CMYK	0.00, 0.17, 0.15, 0.21
HSL	355°, 24%, 72%
HSV	355°, 17%, 79%
XYZ	45.1618, 42.9572, 43.9415
YIQ	177.5080, 19.3010, 8.1410

Conversions

Conversions Part 2

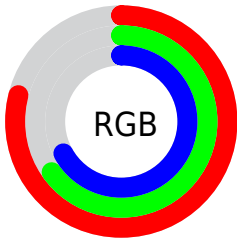
Format	Color
R _Y B	201, 167, 170
Decimal	13215658
CIE Lab	71.53, 12.90, 3.11
CIE LCh	72, 13.267, 13.552
Yxy	42.9572, 0.3420, 0.3253
Android (android.graphics.Color)	4291405738 (0xFFC9A7AA)
YUV	177.5080, -3.7014, 20.6025
Hunter-Lab	65.5417, 8.2981, 6.1291

Details

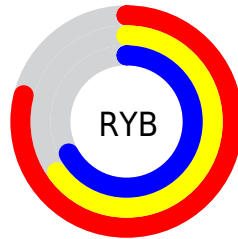
The XYZ color **45.1618, 42.9572, 43.9415** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0177, 54.0670, 61.3866**, and the grayscale version is **42.0699, 44.2608, 48.2000**.

A 20% lighter version of the original color is **80.9519, 78.9388, 82.2042**, and **21.4334, 19.7725, 19.8264** is the 20% darker color. If you saturate the color by 10%, you get **40.1472, 35.5117, 34.3039**, and if you desaturate by 10%, it is **50.9929, 51.6479, 55.0449**.

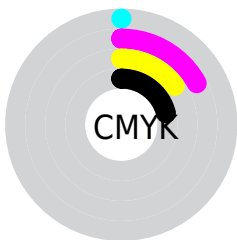
Distribution



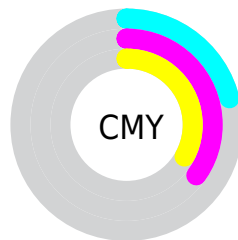
- Red (79%)
- Green (65%)
- Blue (67%)



- Red (79%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (21%)





- Cyan (21%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1618, 42.9572, 43.9415 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 45.1618, 42.9572, 43.9415 by changing the saturation by 10% instead.


 45.1618, 42.9572,
43.9415


 45.1618, 42.9572,
43.9415


358.2011,
358.4357, 378.5039

 31.7867, 29.8515,
30.2877


 82.1987, 79.6463,
82.4312

 21.3534, 19.7259,
19.8031


 106.5913,
103.9985, 108.1042

 13.4965, 12.1960,
12.0694


135.3870,
132.8683, 138.6207

 7.8507, 6.8773,
6.6678

168.9513,
166.6401, 174.3992

 4.0505, 3.3855,
3.1800

207.6495,
205.6984, 215.8582

 1.7308, 1.3361,
1.1872

251.8470,

 0.4754, 0.1689,

250.4275, 263.4163

0.0000

301.9091,
301.2118, 317.4920

■ 0.0000, 0.0000,
0.0000

■ 45.1618, 42.9572,
43.9415

■ 45.1618, 42.9572,
43.9415

■ 40.1472, 35.5117,
34.3039

■ 50.9929, 51.6479,
55.0449

■ 35.9092, 29.2489,
26.0682

■ 57.6708, 61.6309,
67.6690

■ 32.4100, 24.1097,
19.1699

■ 65.2290, 72.9583,
81.8690

■ 29.6070, 20.0274,
13.5382

■ 73.6977, 85.6773,
97.6968

■ 27.4535, 16.9285,
9.0959

■ 77.8976, 91.1576,
108.0973

■ 25.8969, 14.7299,
5.7574

■ 24.8764, 13.3350,
3.4254

■ 24.3133, 12.6157,
1.9840

■ 24.1945, 12.4604,
1.6901

Harmonies

Analogous

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



45.1016, 42.9572, 50.3536



45.1618, 42.9572, 43.9415



44.0316, 42.9572, 38.7778

Triad

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



45.1618, 42.9572, 43.9415



37.9330, 42.9572, 38.3901



39.6220, 42.9572, 59.6300

Complementary

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



45.1618, 42.9572, 43.9415



47.0177, 54.0670, 61.3866

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.



37.7866, 42.9572, 55.7981



45.1618, 42.9572, 43.9415



36.8361, 42.9572, 43.3664

Square

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



45.1618, 42.9572, 43.9415



39.8285, 42.9572, 35.7762



36.7836, 42.9572, 49.7238



41.8472, 42.9572, 59.8199

Rectangle

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



45.1618, 42.9572, 43.9415



42.7782, 42.9572, 36.5747



36.7836, 42.9572, 49.7238



38.9410, 42.9572, 58.7103

Sweetspot

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



45.1630, 42.9591, 43.9424



89.3008, 91.4069, 98.0269



47.5460, 43.8079, 61.2086



18.9476, 19.3162, 20.6663



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.



45.1630, 42.9591, 43.9424



74.2791, 69.0242, 69.4025



47.5064, 48.0944, 43.3409



10.6712, 10.6519, 11.2518



15.2271, 7.8404, 1.1401



0.7344, 0.3766, 0.1243

Inverse Universe

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



45.1630, 42.9591, 43.9424



74.2791, 69.0242, 69.4025



44.3359, 48.1447, 62.2149



10.6712, 10.6519, 11.2518



15.2271, 7.8404, 1.1401



0.7344, 0.3766, 0.1243

Previews

White Background



This preview shows how the XYZ color 45.1618, 42.9572, 43.9415 looks on a white background.

Color Contrast Check

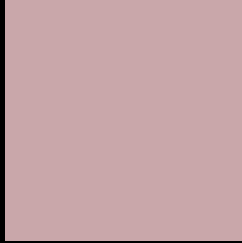
Large Text (above 18pt) WCAG AA × Fail

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 45.1618, 42.9572, 43.9415 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 45.1618, 42.9572, 43.9415

Background



This preview shows how black text looks on a background with the XYZ color 45.1618, 42.9572, 43.9415.



This preview shows how white text looks on a background with the XYZ color 45.1618, 42.9572,

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

45.1618, 42.9572, 43.9415

Protanopia

41.5604, 43.2996, 46.2116

Deuteranopia

43.8786, 43.1211, 44.0408



Tritanopia

46.1300, 43.0837, 48.5325

Trichromacy



Original Color

45.1618, 42.9572, 43.9415

Protanomaly

42.7889, 43.0870, 45.5966

Deuteranomaly

44.4696, 43.1485, 44.0149

Tritanomaly

45.8298, 42.9636, 46.9516

Monochromacy



Original Color

45.1618, 42.9572, 43.9415

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.1236, 43.8064, 46.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1618, 42.9572, 43.9415 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, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 170)  
}
```

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, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 45.1618, 42.9572, 43.9415 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, 167, 170) }
```


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

```
.border{ border-color:rgb(201, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1618, 42.9572, 43.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 170) }
```

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

```
.background{ background-color: rgb(201,  
167, 170) }
```

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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