

Converting Colors

XYZ(45.7256, 44.2508, 48.7791)

Have a look what the booklet for
XYZ(45.7256, 44.2508, 48.7791)
contains.

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Color

**XYZ(45.7256, 44.2508,
48.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	C5ABB3
RGB	197, 171, 179
RGB Percent	77%, 67%, 70%
CMY	0.2274, 0.3294, 0.2980
CMYK	0.00, 0.13, 0.09, 0.23
HSL	342°, 18%, 72%
HSV	342°, 13%, 77%
XYZ	45.7256, 44.2508, 48.7791
YIQ	179.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

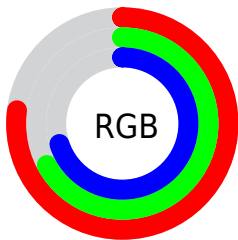
Format	Color
R _Y B	197, 171, 179
Decimal	12954547
CIE Lab	72.40, 10.76, -0.63
CIE LCh	72, 10.783, 356.664
Yxy	44.2508, 0.3295, 0.3189
Android (android.graphics.Color)	4291144627 (0xFFC5ABB3)
YUV	179.6860, -0.3382, 15.1844
Hunter-Lab	66.5213, 6.2857, 3.0884

Details

The XYZ color **45.7256, 44.2508, 48.7791** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9479, 52.2658, 55.8133**, and the grayscale version is **43.2121, 45.4625, 49.5086**.

A 20% lighter version of the original color is **83.0648, 81.4617, 89.9430**, and **21.6904, 20.5396, 22.5600** is the 20% darker color. If you saturate the color by 10%, you get **40.9664, 36.8316, 40.7198**, and if you desaturate by 10%, it is **51.1784, 52.8377, 57.7440**.

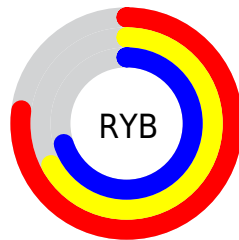
Distribution



Red (77%)

Green (67%)

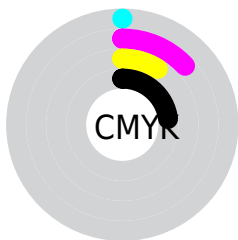
Blue (70%)



Red (77%)

Yellow (67%)

Blue (70%)

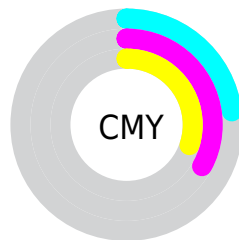


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7256, 44.2508, 48.7791 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 45.7256, 44.2508, 48.7791 by changing the saturation by 10% instead.

■ 45.7256, 44.2508,
48.7791

■ 45.7256, 44.2508,
48.7791

360.4388,
363.7307, 398.4695

■ 32.2330, 30.8677,
34.0799

■ 83.0386, 81.5950,
89.7409

■ 21.6960, 20.4981,
22.6771

107.5897,
106.3249, 116.8405

■ 13.7490, 12.7577,
14.1522

136.5577,
135.6059, 148.9108

■ 8.0268, 7.2619,
8.0867

170.3080,
169.8224, 186.3701

■ 4.1641, 3.6264,
4.0619

209.2059,
209.3587, 229.6371

■ 1.7954, 1.4669,
1.6594

253.6168,

■ 0.5149, 0.2652,

254.5993, 279.1303

0.3327

303.9060,
305.9285, 335.2683

■ 0.0000, 0.0000,
0.0000

■ 45.7256, 44.2508,
48.7791

■ 45.7256, 44.2508,
48.7791

■ 40.9664, 36.8316,
40.7198

■ 51.1784, 52.8377,
57.7440

■ 36.8686, 30.5238,
33.5344

■ 57.3478, 62.6338,
67.6392

■ 33.4031, 25.2750,
27.1933

■ 64.2603, 73.6857,
78.4920

■ 30.5371, 21.0266,
21.6640

■ 71.9398, 86.0360,
90.3277

■ 28.2346, 17.7139,
16.9122

■ 75.6061, 90.1184,
101.5696

■ 26.4556, 15.2649,
12.9003

■ 76.8363, 90.6105,
108.0476

■ 25.1545, 13.5965,
9.5877

■ 24.2771, 12.6094,
6.9286

■ 23.8578, 12.2031,
5.4563

Harmonies

Analogous

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



45.1135, 44.2508, 54.0230



45.7256, 44.2508, 48.7791



45.3316, 44.2508, 43.7363

Triad

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



45.7256, 44.2508, 48.7791



40.4768, 44.2508, 39.6080



40.1270, 44.2508, 57.2408

Complementary

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



45.7256, 44.2508, 48.7791



45.9479, 52.2658, 55.8133

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.



38.9479, 44.2508, 52.9183



45.7256, 44.2508, 48.7791



39.1457, 44.2508, 42.7772

Square

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



45.7256, 44.2508, 48.7791



42.2672, 44.2508, 38.6762



38.5940, 44.2508, 47.5890



41.8516, 44.2508, 59.1292

Rectangle

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



45.7256, 44.2508, 48.7791



44.5576, 44.2508, 41.1194



38.5940, 44.2508, 47.5890



39.6557, 44.2508, 56.0094

Sweetspot

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



45.7269, 44.2528, 48.7800



90.7655, 93.2173, 101.9650



45.5709, 43.9481, 58.9050



19.2602, 19.6879, 21.5521



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.



45.7269, 44.2528, 48.7800



79.1679, 74.9867, 82.7937



45.8578, 45.7717, 44.9482



10.7660, 10.6898, 11.7509



15.7253, 8.0397, 3.7634



0.7774, 0.3938, 0.3511

Inverse Universe

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



45.7269, 44.2528, 48.7800



79.1679, 74.9867, 82.7937



45.7751, 50.4923, 60.1574



10.7660, 10.6898, 11.7509



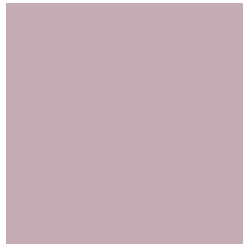
15.7253, 8.0397, 3.7634



0.7774, 0.3938, 0.3511

Previews

White Background



This preview shows how the XYZ color 45.7256, 44.2508, 48.7791 looks on a white background.

Color Contrast Check

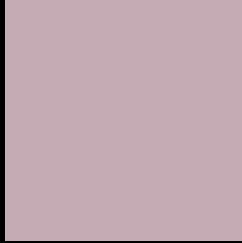
Large Text (above 18pt) WCAG AA × Fail

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 45.7256, 44.2508, 48.7791 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 45.7256, 44.2508, 48.7791

Background



This preview shows how black text looks on a background with the XYZ color 45.7256, 44.2508, 48.7791.



This preview shows how white text looks on a background with the XYZ color 45.7256, 44.2508,

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

45.7256, 44.2508, 48.7791

Protanopia

42.7560, 44.4054, 50.5736

Deuteranopia

45.1373, 44.2291, 48.8059



Tritanopia

46.3152, 44.2159, 51.4409

Trichromacy



Original Color

45.7256, 44.2508, 48.7791

Protanomaly

43.9202, 44.4352, 49.9781

Deuteranomaly

45.3949, 44.3618, 48.8179

Tritanomaly

46.1069, 44.1326, 50.3443

Monochromacy



Original Color

45.7256, 44.2508, 48.7791

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.2101, 45.1787, 49.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7256, 44.2508, 48.7791 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(197, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 179)  
}
```

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(197, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.7256, 44.2508, 48.7791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

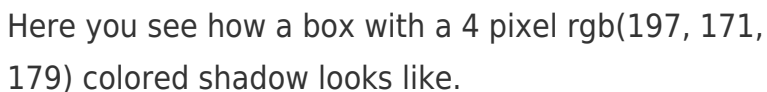
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 171, 179) }
```


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

```
.border{ border-color:rgb(197, 171, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 171, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 171, 179); box-shadow:4px 4px 4px 4px rgb(197, 171, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7256, 44.2508, 48.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 179) }
```

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

```
.background{ background-color: rgb(197,  
171, 179) }
```

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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