

Converting Colors

XYZ(45.7080, 44.9561, 47.3167)

Have a look what the booklet for
XYZ(45.7080, 44.9561, 47.3167)
contains.

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Color

**XYZ(45.5450, 44.7575,
47.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	C4ADB0
RGB	196, 173, 176
RGB Percent	77%, 68%, 69%
CMY	0.2314, 0.3216, 0.3098
CMYK	0.00, 0.12, 0.10, 0.23
HSL	352°, 16%, 72%
HSV	352°, 12%, 77%
XYZ	45.5450, 44.7575, 47.3129
YIQ	180.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

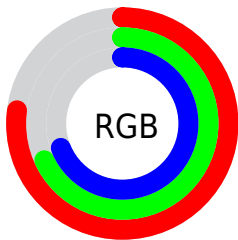
Format	Color
R_{YB}	196, 173, 176
Decimal	12889520
CIE Lab	72.73, 8.80, 1.50
CIE LCh	73, 8.927, 9.680
Yxy	44.7575, 0.3310, 0.3252
Android (android.graphics.Color)	4291079600 (0xFFC4ADB0)
YUV	180.2190, -2.0800, 13.8399
Hunter-Lab	66.9010, 4.4427, 4.9004

Details

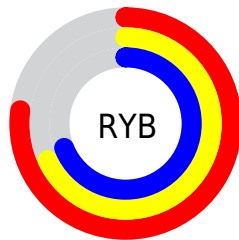
The XYZ color **45.5450, 44.7575, 47.3129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6009, 52.2155, 58.0771**, and the grayscale version is **43.5071, 45.7729, 49.8467**.

A 20% lighter version of the original color is **82.8169, 82.1956, 87.8444**, and **21.6308, 20.8808, 21.9591** is the 20% darker color. If you saturate the color by 10%, you get **40.4769, 37.1527, 37.8183**, and if you desaturate by 10%, it is **51.3788, 53.5537, 58.1087**.

Distribution



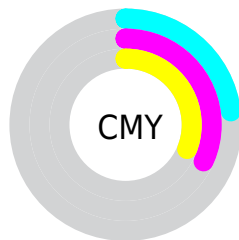
- Red (77%)
- Green (68%)
- Blue (69%)



- Red (77%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5450, 44.7575, 47.3129 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 45.5450, 44.7575, 47.3129 by changing the saturation by 10% instead.


 45.5450, 44.7575,
47.3129

 45.5450, 44.7575,
47.3129


359.7230,
365.7905, 392.4920

 32.0900, 31.2665,
32.9270


 82.7697, 82.3564,
87.5354

 21.5862, 20.8018,
21.7998


107.2701,
107.2330, 114.2090

 13.6680, 12.9792,
13.5130


136.1830,
136.6737, 145.8156

 7.9703, 7.4142,
7.6479

169.8739,
171.0627, 182.7737

 4.1276, 3.7225,
3.7859

208.7079,
210.7845, 225.5018

 1.7746, 1.5196,
1.5087

253.0506,

 0.5023, 0.3024,

256.2235, 274.4185

0.2244

303.2671,
307.7640, 329.9424

■ 0.0000, 0.0000,
0.0000

■ 45.5450, 44.7575,
47.3129

■ 45.5450, 44.7575,
47.3129

■ 40.4769, 37.1527,
37.8183

■ 51.3788, 53.5537,
58.1087

■ 36.1389, 30.6824,
29.5730

■ 58.0044, 63.5832,
70.2494

■ 32.4985, 25.2939,
22.5255

■ 65.4513, 74.8931,
83.7802

■ 29.5189, 20.9280,
16.6200

■ 73.7464, 87.5265,
98.7433

■ 27.1600, 17.5200,
11.7960

■ 76.5752, 90.4759,
108.0354

■ 25.3774, 14.9975,
7.9873

■ 24.1207, 13.2780,
5.1206

■ 23.3303, 12.2632,
3.1123

■ 22.9465, 11.8084,
2.0204

Harmonies

Analogous

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



45.3956, 44.7575, 51.7561



45.5450, 44.7575, 47.3129



44.8745, 44.7575, 43.4868

Triad

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



45.5450, 44.7575, 47.3129



40.6670, 44.7575, 42.4583



41.5147, 44.7575, 57.1789

Complementary

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



45.5450, 44.7575, 47.3129



46.6009, 52.2155, 58.0771

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.



40.2891, 44.7575, 54.3856



45.5450, 44.7575, 47.3129



39.8080, 44.7575, 45.8306

Square

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



45.5450, 44.7575, 47.3129



42.0418, 44.7575, 40.7985



39.6714, 44.7575, 50.1819



43.0435, 44.7575, 57.6355

Rectangle

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



45.5450, 44.7575, 47.3129



44.0622, 44.7575, 41.7341



39.6714, 44.7575, 50.1819



41.0546, 44.7575, 56.4743

Sweetspot

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



45.5463, 44.7595, 47.3139



90.4863, 93.1056, 100.4948



46.8841, 45.2034, 58.4791



19.1897, 19.6597, 21.1813



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.



45.5463, 44.7595, 47.3139



80.0979, 77.4589, 81.2163



46.9213, 47.9788, 46.3254



10.1254, 10.0988, 10.7511



14.7622, 7.5947, 1.3941



0.6557, 0.3353, 0.1542

Inverse Universe

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



45.5463, 44.7595, 47.3139



80.0979, 77.4589, 81.2163



45.0898, 48.6529, 59.2395



10.1254, 10.0988, 10.7511



14.7622, 7.5947, 1.3941



0.6557, 0.3353, 0.1542

Previews

White Background



This preview shows how the XYZ color 45.5450, 44.7575, 47.3129 looks on a white background.

Color Contrast Check

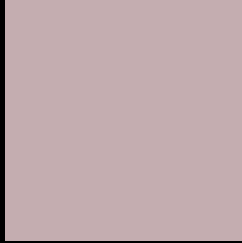
Large Text (above 18pt) WCAG AA × Fail

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 45.5450, 44.7575, 47.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

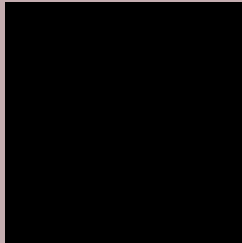
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5450, 44.7575, 47.3129

Background



This preview shows how black text looks on a background with the XYZ color 45.5450, 44.7575, 47.3129.



This preview shows how white text looks on a background with the XYZ color 45.5450, 44.7575,

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

45.5450, 44.7575, 47.3129

Protanopia

43.3485, 45.0405, 49.0568

Deuteranopia

45.8060, 44.8920, 47.3251



Tritanopia

46.5354, 44.8781, 52.1086

Trichromacy



Original Color

45.5450, 44.7575, 47.3129

Protanomaly

44.0547, 44.8298, 48.4506

Deuteranomaly

45.8060, 44.8920, 47.3251

Tritanomaly

46.2220, 44.7528, 50.4580

Monochromacy



Original Color

45.5450, 44.7575, 47.3129

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.1085, 45.1381, 49.0356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5450, 44.7575, 47.3129 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(196, 173, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 176)  
}
```

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(196, 173, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 176) }
```

Border

The CSS property to change the border of an element to XYZ 45.5450, 44.7575, 47.3129 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(196, 173, 176) }
```


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

```
.border{ border-color:rgb(196, 173, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5450, 44.7575, 47.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 176) }
```

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

```
.background{ background-color: rgb(196,  
173, 176) }
```

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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