

Converting Colors

XYZ(45.3864, 44.2399, 48.2274)

Have a look what the booklet for
XYZ(45.3864, 44.2399, 48.2274)
contains.

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Color

**XYZ(45.5534, 44.4552,
48.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	C4ACB2
RGB	196, 172, 178
RGB Percent	77%, 67%, 70%
CMY	0.2314, 0.3255, 0.3020
CMYK	0.00, 0.12, 0.09, 0.23
HSL	345°, 17%, 72%
HSV	345°, 12%, 77%
XYZ	45.5534, 44.4552, 48.2993
YIQ	179.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

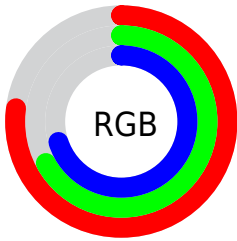
Format	Color
R_{YB}	196, 172, 178
Decimal	12889266
CIE _{Lab}	72.53, 9.69, 0.11
CIE _{LCh}	73, 9.687, 0.652
Yxy	44.4552, 0.3294, 0.3214
Android (android.graphics.Color)	4291079346 (0xFFC4ACB2)
YUV	179.8600, -0.9170, 14.1548
Hunter-Lab	66.6747, 5.2737, 3.7225

Details

The XYZ color **45.5534, 44.4552, 48.2993** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0492, 51.9694, 56.3218**, and the grayscale version is **43.3085, 45.5639, 49.6191**.

A 20% lighter version of the original color is **82.8284, 81.7613, 89.2579**, and **21.5735, 20.6644, 22.2536** is the 20% darker color. If you saturate the color by 10%, you get **40.6969, 36.9790, 39.7837**, and if you desaturate by 10%, it is **51.1208, 53.0989, 57.8336**.

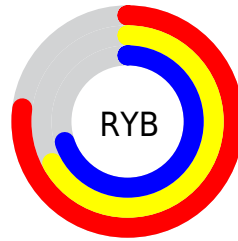
Distribution



Red (77%)

Green (67%)

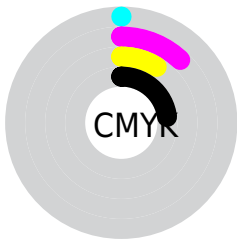
Blue (70%)



Red (77%)

Yellow (67%)

Blue (70%)

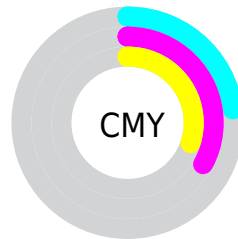


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (23%)



Cyan (23%)


Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5534, 44.4552, 48.2993 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 45.5534, 44.4552, 48.2993 by changing the saturation by 10% instead.


 45.5534, 44.4552,
48.2993

 45.5534, 44.4552,
48.2993


359.7564,
364.5626, 396.5201

 32.0967, 31.0285,
33.7023


 82.7822, 81.9023,
89.0200

 21.5913, 20.6206,
22.3895


107.2850,
106.6915, 115.9809

 13.6718, 12.8469,
13.9423

136.2005,
136.0369, 147.9000

 7.9729, 7.3232,
7.9423

169.8941,
170.3231, 185.1961

 4.1293, 3.6651,
3.9708

208.7311,
209.9344, 228.2876

 1.7755, 1.4880,
1.6093

253.0769,

 0.5029, 0.2803,

255.2551, 277.5931

0.2975

303.2969,
306.6697, 333.5311

■ 0.0000, 0.0000,
0.0000

■ 45.5534, 44.4552,
48.2993

■ 45.5534, 44.4552,
48.2993

■ 40.6969, 36.9790,
39.7837

■ 51.1208, 53.0989,
57.8336

■ 36.5187, 30.6146,
32.2498

■ 57.4226, 62.9512,
68.4161

■ 32.9889, 25.3101,
25.6624

■ 64.4859, 74.0584,
80.0789

■ 30.0742, 21.0077,
19.9833

■ 72.3352, 86.4625,
92.8517

■ 27.7380, 17.6435,
15.1713

■ 76.0187, 90.2533,
105.1046

■ 25.9397, 15.1466,
11.1821

■ 76.5752, 90.4759,
108.0354

■ 24.6334, 13.4356,
7.9671

■ 23.7647, 12.4137,
5.4719

■ 23.3192, 11.9575,
3.9824

Harmonies

Analogous

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



45.1208, 44.4552, 53.0629



45.5534, 44.4552, 48.2993



45.0825, 44.4552, 43.8560

Triad

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



45.5534, 44.4552, 48.2993



40.6339, 44.4552, 40.9010



40.6958, 44.4552, 56.8898

Complementary

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



45.5534, 44.4552, 48.2993



46.0492, 51.9694, 56.3218

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.



39.5451, 44.4552, 53.2563



45.5534, 44.4552, 48.2993



39.5100, 44.4552, 44.0264

Square

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



45.5534, 44.4552, 48.2993



42.2167, 44.4552, 39.7613



39.1166, 44.4552, 48.5092



42.2900, 44.4552, 58.2166

Rectangle

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



45.5534, 44.4552, 48.2993



44.3266, 44.4552, 41.6215



39.1166, 44.4552, 48.5092



40.2458, 44.4552, 55.8864

Sweetspot

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



45.5547, 44.4572, 48.3002



90.6743, 93.1808, 101.4849



45.9530, 44.4398, 58.3809



19.2372, 19.6787, 21.4309



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.



45.5547, 44.4572, 48.3002



79.7583, 76.2649, 82.6905



46.1332, 46.5570, 45.5870



10.1741, 10.1183, 11.0076



15.0130, 7.6949, 2.7145



0.6774, 0.3440, 0.2686

Inverse Universe

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



45.5547, 44.4572, 48.3002



79.7583, 76.2649, 82.6905



45.3921, 49.5845, 59.4035



10.1741, 10.1183, 11.0076



15.0130, 7.6949, 2.7145



0.6774, 0.3440, 0.2686

Previews

White Background



This preview shows how the XYZ color 45.5534, 44.4552, 48.2993 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 45.5534, 44.4552, 48.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

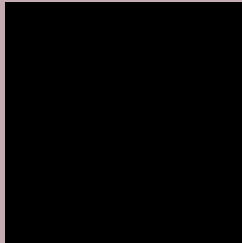
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5534, 44.4552, 48.2993

Background



This preview shows how black text looks on a background with the XYZ color 45.5534, 44.4552, 48.2993.



This preview shows how white text looks on a background with the XYZ color 45.5534, 44.4552,

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

45.5534, 44.4552, 48.2993

Protanopia

42.8850, 44.4838, 50.0420

Deuteranopia

45.2941, 44.3215, 48.2871



Tritanopia

46.2406, 44.4568, 51.4913

Trichromacy



Original Color

45.5534, 44.4552, 48.2993

Protanomaly

43.8179, 44.3943, 49.4395

Deuteranomaly

45.2941, 44.3215, 48.2871

Tritanomaly

46.0324, 44.3735, 50.3948

Monochromacy



Original Color

45.5534, 44.4552, 48.2993

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 45.5534, 44.4552, 48.2993 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, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 172, 178)  
}
```

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, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 45.5534, 44.4552, 48.2993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

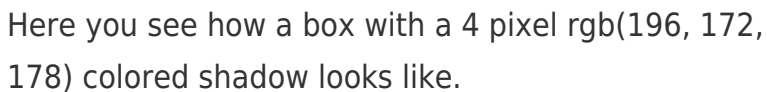
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 172, 178) }
```


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

```
.border{ border-color:rgb(196, 172, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 172, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 172, 178); box-shadow:4px 4px 4px 4px rgb(196, 172, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5534, 44.4552, 48.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 172, 178) }
```

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

```
.background{ background-color: rgb(196,  
172, 178) }
```

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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