

Converting Colors

XYZ(44.6404, 42.1829, 48.0296)

Have a look what the booklet for
XYZ(44.6404, 42.1829, 48.0296)
contains.

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Color

**XYZ(44.5170, 41.9949,
47.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A5B2
RGB	197, 165, 178
RGB Percent	77%, 65%, 70%
CMY	0.2274, 0.3529, 0.3020
CMYK	0.00, 0.16, 0.10, 0.23
HSL	336°, 22%, 71%
HSV	336°, 16%, 77%
XYZ	44.5170, 41.9949, 47.8790
YIQ	176.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

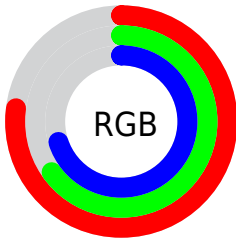
Format	Color
RYB	197, 165, 178
Decimal	12953010
CIELab	70.87, 13.87, -2.32
CIELCh	71, 14.062, 350.523
Yxy	41.9949, 0.3313, 0.3125
Android (android.graphics.Color)	4291143090 (0xFFC5A5B2)
YUV	176.0500, 0.9614, 18.3732
Hunter-Lab	64.8035, 9.2152, 1.5570

Details

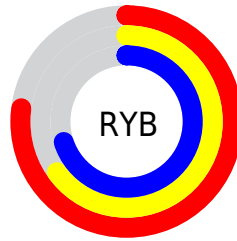
The XYZ color **44.5170, 41.9949, 47.8790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1367, 51.3937, 52.9436**, and the grayscale version is **41.2836, 43.4335, 47.2991**.

A 20% lighter version of the original color is **81.3175, 78.1977, 88.6497**, and **20.9345, 19.1306, 21.9912** is the 20% darker color. If you saturate the color by 10%, you get **40.1090, 34.9787, 40.8599**, and if you desaturate by 10%, it is **49.5749, 50.1495, 55.6100**.

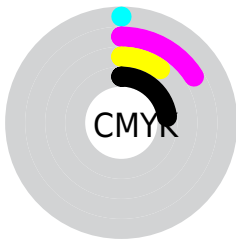
Distribution



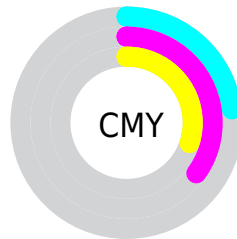
- Red (77%)
- Green (65%)
- Blue (70%)



- Red (77%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5170, 41.9949, 47.8790 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 44.5170, 41.9949, 47.8790 by changing the saturation by 10% instead.


 44.5170, 41.9949,
47.8790


 44.5170, 41.9949,
47.8790


355.6306,
354.4618, 394.8072

 31.2768, 29.0973,
33.3718


 81.2367, 78.1919,
88.3879

 20.9626, 19.1544,
22.1379


 105.4469,
102.2601, 115.2266

 13.2090, 11.7819,
13.7590


134.0445,
130.8206, 147.0129

 7.6506, 6.5954,
7.8164

167.3948,
164.2578, 184.1654

 3.9221, 3.2104,
3.8916

205.8632,
202.9562, 227.1025

 1.6582, 1.2425,
1.5661

249.8151,

 0.4299, 0.0960,

247.3000, 276.2428

0.2664

299.6157,
297.6738, 332.0048

■ 0.0000, 0.0000,
0.0000

■ 44.5170, 41.9949,
47.8790

■ 44.5170, 41.9949,
47.8790

■ 40.1090, 34.9787,
40.8599

■ 49.5749, 50.1495,
55.6100

■ 36.3199, 29.0445,
34.5285

■ 55.3049, 59.4846,
64.0706

■ 33.1213, 24.1391,
28.8631

■ 61.7325, 70.0471,
73.2813

■ 30.4812, 20.2030,
23.8399

■ 68.8808, 81.8795,
83.2608

■ 28.3645, 17.1703,
19.4330

■ 73.9982, 89.4752,
93.1026

■ 26.7317, 14.9666,
15.6149

■ 75.7591, 90.1796,
102.3753

■ 25.5371, 13.5057,
12.3547

■ 76.8363, 90.6105,
108.0476

■ 24.7232, 12.6778,
9.6171

■ 24.4749, 12.4499,
8.7062

Harmonies

Analogous

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



43.4877, 41.9949, 54.4123



44.5170, 41.9949, 47.8790



44.2765, 41.9949, 41.3571

Triad

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



44.5170, 41.9949, 47.8790



38.3590, 41.9949, 34.6928



37.1234, 41.9949, 56.4045

Complementary

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



44.5170, 41.9949, 47.8790



44.1367, 51.3937, 52.9436

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.



35.8496, 41.9949, 50.3908



44.5170, 41.9949, 47.8790



36.5433, 41.9949, 38.0159

Square

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



44.5170, 41.9949, 47.8790



40.6600, 41.9949, 34.1618



35.6414, 41.9949, 43.6372



39.1790, 41.9949, 59.6418

Rectangle

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



44.5170, 41.9949, 47.8790



43.4319, 41.9949, 37.8570



35.6414, 41.9949, 43.6372



36.5930, 41.9949, 54.6146

Sweetspot

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



44.5182, 41.9968, 47.8799



89.9214, 91.6551, 101.2949



43.2221, 41.0927, 58.4776



19.0980, 19.3764, 21.4583



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.



44.5182, 41.9968, 47.8799



77.2030, 71.1715, 81.7853



43.7601, 42.4711, 41.4908



10.8094, 10.7072, 11.9798



16.1372, 8.2044, 5.9322



0.7998, 0.4028, 0.4691

Inverse Universe

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



44.5182, 41.9968, 47.8799



77.2030, 71.1715, 81.7853



44.9625, 50.7638, 60.2526



10.8094, 10.7072, 11.9798



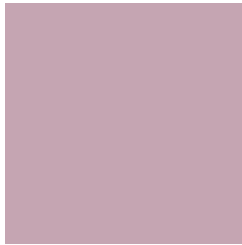
16.1372, 8.2044, 5.9322



0.7998, 0.4028, 0.4691

Previews

White Background



This preview shows how the XYZ color 44.5170, 41.9949, 47.8790 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 44.5170, 41.9949, 47.8790 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 44.5170, 41.9949, 47.8790

Background



This preview shows how black text looks on a background with the XYZ color 44.5170, 41.9949, 47.8790.



This preview shows how white text looks on a background with the XYZ color 44.5170, 41.9949,

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

44.5170, 41.9949, 47.8790

Protanopia

40.9464, 42.3047, 50.8073

Deuteranopia

42.9247, 41.9984, 47.4391



Tritanopia

44.5170, 41.9949, 47.8790

Trichromacy



Original Color

44.5170, 41.9949, 47.8790

Protanomaly

42.0066, 42.0307, 49.6148

Deuteranomaly

43.4928, 42.0182, 47.4130

Tritanomaly

44.5170, 41.9949, 47.8790

Monochromacy



Original Color

44.5170, 41.9949, 47.8790

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.4555, 42.8697, 47.6320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5170, 41.9949, 47.8790 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, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 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(197, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 178) }
```

Border

The CSS property to change the border of an element to XYZ 44.5170, 41.9949, 47.8790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

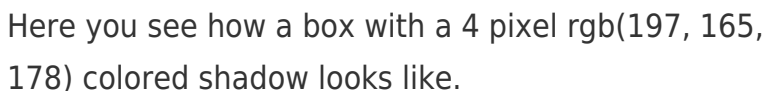
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 165, 178) }
```


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

```
.border{ border-color:rgb(197, 165, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5170, 41.9949, 47.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 178) }
```

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

```
.background{ background-color: rgb(197,  
165, 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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