

Converting Colors

XYZ(43.8738, 41.8590, 48.1504)

Have a look what the booklet for
XYZ(43.8738, 41.8590, 48.1504)
contains.

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Color

**XYZ(44.0210, 41.9964,
48.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A6B3
RGB	194, 166, 179
RGB Percent	76%, 65%, 70%
CMY	0.2392, 0.3490, 0.2980
CMYK	0.00, 0.14, 0.08, 0.24
HSL	332°, 19%, 71%
HSV	332°, 14%, 76%
XYZ	44.0210, 41.9964, 48.4338
YIQ	175.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

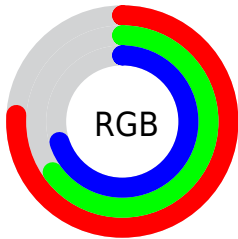
Format	Color
RYB	194, 166, 179
Decimal	12756659
CIELab	70.87, 12.42, -2.90
CIELCh	71, 12.752, 346.860
Yxy	41.9964, 0.3274, 0.3124
Android (android.graphics.Color)	4290946739 (0xFFC2A6B3)
YUV	175.8540, 1.5510, 15.9140
Hunter-Lab	64.8046, 7.8448, 1.0510

Details

The XYZ color **44.0210, 41.9964, 48.4338** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3597, 50.0278, 51.0894**, and the grayscale version is **41.1794, 43.3239, 47.1797**.

A 20% lighter version of the original color is **80.6355, 78.2203, 89.4453**, and **20.5984, 19.1164, 22.3428** is the 20% darker color. If you saturate the color by 10%, you get **39.7453, 35.0639, 42.0162**, and if you desaturate by 10%, it is **48.9104, 50.0282, 55.4479**.

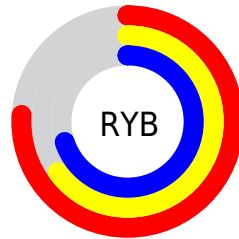
Distribution



Red (76%)

Green (65%)

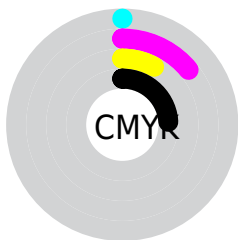
Blue (70%)



Red (76%)

Yellow (65%)

Blue (70%)

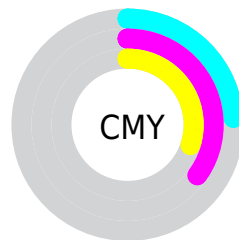


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0210, 41.9964, 48.4338 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 44.0210, 41.9964, 48.4338 by changing the saturation by 10% instead.


 44.0210, 41.9964,
48.4338


 44.0210, 41.9964,
48.4338


353.6447,
354.4680, 397.0672

 30.8850, 29.0985,
33.8081

 80.4955, 78.1942,
89.2222

 20.6627, 19.1553,
22.4701


 104.5647,
102.2628, 116.2220

 12.9887, 11.7826,
14.0011

133.0090,
130.8238, 148.1836

 7.4977, 6.5958,
7.9827

166.1938,
164.2616, 185.5255

 3.8244, 3.2106,
3.9962

204.4844,
202.9605, 228.6663

 1.6033, 1.2427,
1.6233

248.2462,

 0.3945, 0.0961,

247.3049, 278.0245

0.3074

297.8445,
297.6793, 334.0186

■ 0.0000, 0.0000,
0.0000

■ 44.0210, 41.9964,
48.4338

■ 44.0210, 41.9964,
48.4338

■ 39.7453, 35.0639,
42.0162

■ 48.9104, 50.0282,
55.4479

■ 36.0541, 29.1770,
36.1754

■ 54.4337, 59.1990,
63.0721

■ 32.9213, 24.2857,
30.8944

■ 60.6148, 69.5532,
71.3230

■ 30.3173, 20.3338,
26.1540

■ 67.4752, 81.1312,
80.2154

■ 28.2095, 17.2593,
21.9338

■ 72.4281, 88.7574,
88.8947

■ 26.5617, 14.9928,
18.2118

■ 73.9402, 89.3622,
96.8572

■ 25.3320, 13.4540,
14.9637

■ 75.5410, 90.0025,
105.2866

■ 24.4702, 12.5461,
12.1618

■ 76.0584, 90.2094,
108.0112

■ 24.0964, 12.2087,
10.7728

Harmonies

Analogous

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



42.9668, 41.9964, 54.1874



44.0210, 41.9964, 48.4338



43.9479, 41.9964, 42.4223

Triad

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



44.0210, 41.9964, 48.4338



38.7451, 41.9964, 35.4352



37.1921, 41.9964, 54.7901

Complementary

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



44.0210, 41.9964, 48.4338



43.3597, 50.0278, 51.0894

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.



36.1392, 41.9964, 49.1989



44.0210, 41.9964, 48.4338



37.0138, 41.9964, 38.1964

Square

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



44.0210, 41.9964, 48.4338



40.8506, 41.9964, 35.2698



36.0751, 41.9964, 43.1229



38.9964, 41.9964, 58.0702

Rectangle

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



44.0210, 41.9964, 48.4338



43.2691, 41.9964, 39.0723



36.0751, 41.9964, 43.1229



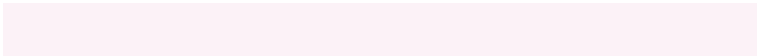
36.7414, 41.9964, 53.0973

Sweetspot

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



44.0222, 41.9983, 48.4347



88.9597, 91.2114, 100.9447



42.4158, 40.9852, 56.7148



19.3231, 19.7130, 21.8834



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.



44.0222, 41.9983, 48.4347



77.4463, 72.3254, 84.3417



42.9390, 41.8374, 41.8909



10.2634, 10.1540, 11.4775



15.8831, 8.0430, 7.2964



0.7210, 0.3614, 0.4984

Inverse Universe

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



44.0222, 41.9983, 48.4347



77.4463, 72.3254, 84.3417



44.5495, 50.1724, 58.3757



10.2634, 10.1540, 11.4775



15.8831, 8.0430, 7.2964



0.7210, 0.3614, 0.4984

Previews

White Background



This preview shows how the XYZ color 44.0210, 41.9964, 48.4338 looks on a white background.

Color Contrast Check

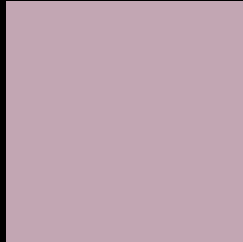
Large Text (above 18pt) WCAG AA × Fail

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 44.0210, 41.9964, 48.4338 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 44.0210, 41.9964, 48.4338

Background



This preview shows how black text looks on a background with the XYZ color 44.0210, 41.9964, 48.4338.



This preview shows how white text looks on a background with the XYZ color 44.0210, 41.9964,

48.4338.

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

44.0210, 41.9964, 48.4338

Protanopia

40.9464, 42.3047, 50.8073

Deuteranopia

42.8784, 41.9513, 48.4853



Tritanopia

44.0210, 41.9964, 48.4338

Trichromacy



Original Color

44.0210, 41.9964, 48.4338

Protanomaly

41.8743, 41.9506, 50.1462

Deuteranomaly

43.1906, 41.8393, 48.4472

Tritanomaly

44.0210, 41.9964, 48.4338

Monochromacy



Original Color

44.0210, 41.9964, 48.4338

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.2168, 42.7467, 47.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0210, 41.9964, 48.4338 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(194, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(194, 166, 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(194, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 166, 179) }
```

Border

The CSS property to change the border of an element to XYZ 44.0210, 41.9964, 48.4338 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(194, 166, 179) }
```


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

```
.border{ border-color:rgb(194, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(194, 166,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0210, 41.9964, 48.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 166, 179) }
```

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

```
.background{ background-color: rgb(194,  
166, 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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