

Converting Colors

XYZ(44.9930, 43.6183, 49.2706)

Have a look what the booklet for
XYZ(44.9930, 43.6183, 49.2706)
contains.

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Color

**XYZ(44.8611, 43.5141,
49.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	C2AAB4
RGB	194, 170, 180
RGB Percent	76%, 67%, 71%
CMY	0.2392, 0.3333, 0.2941
CMYK	0.00, 0.12, 0.07, 0.24
HSL	335°, 16%, 71%
HSV	335°, 12%, 76%
XYZ	44.8611, 43.5141, 49.2146
YIQ	178.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

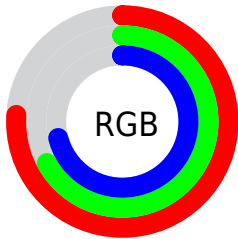
Format	Color
R_{YB}	194, 170, 180
Decimal	12757684
CIE _{Lab}	71.90, 10.41, -1.93
CIE _{LCh}	72, 10.584, 349.482
Yxy	43.5141, 0.3260, 0.3163
Android (android.graphics.Color)	4290947764 (0xFFC2AAB4)
YUV	178.3160, 0.8302, 13.7549
Hunter-Lab	65.9652, 5.9537, 1.9412

Details

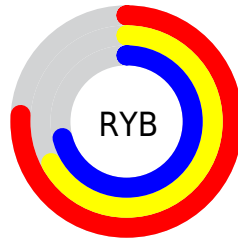
The XYZ color **44.8611, 43.5141, 49.2146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5228, 50.5915, 52.7685**, and the grayscale version is **42.4769, 44.6890, 48.6663**.

A 20% lighter version of the original color is **81.8492, 80.4158, 90.5648**, and **21.1244, 20.0646, 22.8382** is the 20% darker color. If you saturate the color by 10%, you get **40.3831, 36.3283, 42.2638**, and if you desaturate by 10%, it is **49.9724, 51.8147, 56.8422**.

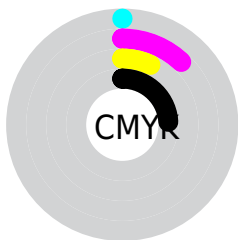
Distribution



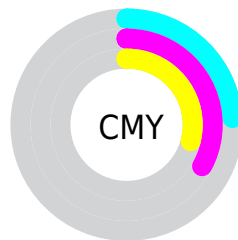
- Red (76%)
- Green (67%)
- Blue (71%)



- Red (76%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8611, 43.5141, 49.2146 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 44.8611, 43.5141, 49.2146 by changing the saturation by 10% instead.


 44.8611, 43.5141,
49.2146

 44.8611, 43.5141,
49.2146


357.0039,
360.7218, 400.2333

 31.5488, 30.2887,
34.4229


 81.7503, 80.4861,
90.3944

 21.1710, 20.0578,
22.9387


106.0579,
105.0014, 117.6196

 13.3622, 12.4371,
14.3434


134.7614,
134.0489, 149.8264

 7.7572, 7.0421,
8.2184

168.2261,
168.0129, 187.4333

 3.9905, 3.4884,
4.1453

206.8173,
207.2778, 230.8590

 1.6967, 1.3917,
1.7054

250.9005,

 0.4542, 0.2106,

252.2280, 280.5218

0.3644

300.8409,
303.2478, 336.8404

■ 0.0000, 0.0000,
0.0000

■ 44.8611, 43.5141,
49.2146

■ 44.8611, 43.5141,
49.2146

■ 40.3831, 36.3283,
42.2638

■ 49.9724, 51.8147,
56.8422

■ 36.5092, 30.2038,
35.9673

■ 55.7374, 61.2693,
65.1624

■ 33.2129, 25.0914,
30.3055

■ 62.1803, 71.9220,
74.1942

■ 30.4647, 20.9356,
25.2565

■ 69.3227, 83.8130,
83.9547

■ 28.2320, 17.6754,
20.7971

■ 73.2351, 89.0801,
93.1438

■ 26.4789, 15.2430,
16.9023

■ 74.9380, 89.7613,
102.1110

■ 25.1641, 13.5603,
13.5446

■ 76.0584, 90.2095,
108.0112

■ 24.2388, 12.5345,
10.6933

■ 23.7268, 12.0608,
8.8261

Harmonies

Analogous

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



44.0501, 43.5141, 54.1255



44.8611, 43.5141, 49.2146



44.7132, 43.5141, 44.1453

Triad

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



44.8611, 43.5141, 49.2146



40.2136, 43.5141, 38.6239



39.1477, 43.5141, 55.3333

Complementary

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



44.8611, 43.5141, 49.2146



44.5228, 50.5915, 52.7685

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.



38.1766, 43.5141, 50.7678



44.8611, 43.5141, 49.2146



38.7795, 43.5141, 41.2186

Square

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



44.8611, 43.5141, 49.2146



41.9948, 43.5141, 38.2746



38.0438, 43.5141, 45.5905



40.7294, 43.5141, 57.8246

Rectangle

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



44.8611, 43.5141, 49.2146



44.0921, 43.5141, 41.3439



38.0438, 43.5141, 45.5905



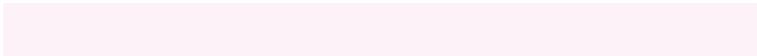
38.7410, 43.5141, 53.9755

Sweetspot

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



44.8623, 43.5160, 49.2155



88.8855, 91.1818, 100.5541



43.8811, 42.8370, 56.9951



19.3039, 19.7054, 21.7822



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.



44.8623, 43.5160, 49.2155



78.8355, 74.9014, 85.4286



44.2579, 43.8786, 44.1693



10.2433, 10.1459, 11.3719



15.6383, 7.9451, 6.0075



0.7100, 0.3570, 0.4402

Inverse Universe

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



44.8623, 43.5160, 49.2155



78.8355, 74.9014, 85.4286



45.1662, 50.1415, 58.3373



10.2433, 10.1459, 11.3719



15.6383, 7.9451, 6.0075



0.7100, 0.3570, 0.4402

Previews

White Background



This preview shows how the XYZ color 44.8611, 43.5141, 49.2146 looks on a white background.

Color Contrast Check

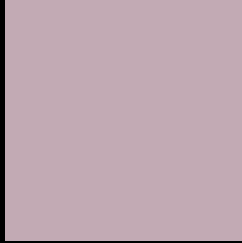
Large Text (above 18pt) WCAG AA × Fail

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 44.8611, 43.5141, 49.2146 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 44.8611, 43.5141, 49.2146

Background



This preview shows how black text looks on a background with the XYZ color 44.8611, 43.5141, 49.2146.



This preview shows how white text looks on a background with the XYZ color 44.8611, 43.5141,

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

44.8611, 43.5141, 49.2146

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

44.5394, 43.6276, 49.2535



Tritanopia

45.1701, 43.6377, 50.8419

Trichromacy



Original Color

44.8611, 43.5141, 49.2146

Protanomaly

42.9155, 43.3318, 50.3580

Deuteranomaly

44.7934, 43.7586, 49.2654

Tritanomaly

45.0664, 43.5962, 50.2956

Monochromacy



Original Color

44.8611, 43.5141, 49.2146

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.2338, 44.1050, 48.8823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8611, 43.5141, 49.2146 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, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 180)  
}
```

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, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.8611, 43.5141, 49.2146 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, 170, 180) }
```


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

```
.border{ border-color:rgb(194, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8611, 43.5141, 49.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 180) }
```

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

```
.background{ background-color: rgb(194,  
170, 180) }
```

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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